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ANNUAL CATALOGUE

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UNIVERSITY OF ILLINOIS.

Morningside College

SIOUX CITY, IOWA.

1903-1904.

Sioux City, Iowa.
Morningside College Printery
June, 1904

COLLEGE CALENDAR

FALL TERM, 1904.

Sept. 13—*Tuesday*—Fall term opens.

Sept. 17—*Saturday*—Reception of the Christian Associations.

Sept. 23—*Friday*—Faculty reception.

Oct. 21—*Friday*—Collegiate inter-society debate.

Nov. 19—*Saturday*—Zetalethean public.

Nov. 24—*Thursday*—Thanksgiving Day.

Dec. 2—*Friday*—Academy inter-society debate.

Dec. 9—*Friday*—Oratorical contest.

Dec. 13—*Tuesday*—Term concert of the Department of Music.

Dec. 14—*Wednesday*—Examinations begin.

Dec. 16—*Friday*—Fall term closes.

WINTER TERM, 1905.

Jan. 3—*Tuesday*—Winter term opens.

Jan. 26—*Thursday*—Day of prayer for colleges.

Feb. 11—*Saturday*—Atheneum public.

Feb. 22—*Wednesday*—Washington's Birthday.

Mch. 6—*Monday*—Philomathean public.

Mch. 21—*Tuesday*—Term concert of the Department of Music.

Mch. 22—*Wednesday*—Examinations begin.

Mch. 24—*Friday*—Winter term closes.

SPRING TERM, 1905.

April 4—*Tuesday*—Spring term opens.

April 17—*Monday*—Othonian public.

June 8—*Thursday*—Normal graduation.

June 10—*Saturday*—Examinations begin, 8:30 a. m. Inter-society annual program, 8 p. m.

June 11—*Sunday*—Baccalaureate address, 10:30 a. m. Annual address before the Christian Associations, 3 p. m. Annual sermon, 8 p. m.

June 12—*Monday*—Academy graduation, 8 p. m.

June 13—*Tuesday*—Meeting of the Board of Trustees, 9 a. m. Class Day exercises, 3 p. m. Concert of the Department of Music, 8 p. m.

June 14—*Wednesday*—Farewell chapel service, 9:30 a. m. Alumni business meeting, 11 a. m. Annual reunion of the collegiate societies, 1:30 p. m. Annual lecture, 8 p. m.

June 15—*Thursday*—Commencement Day. Address before the graduating class, followed by the conferring of degrees, 10:30 a. m.

June 19—*Monday*—Summer session opens.

BOARD OF TRUSTEES

TERM EXPIRES, 1904.

Hon. J. P. Dolliver.....Fort Dodge, Iowa
O. W. Towner.....Sioux City, Iowa
Rev. Robert Smylie, D. D.....Sioux City, Iowa
Rev. F. W. Ginn.....Estherville, Iowa
Rev. H. K. Hastings, Ph. D.....Rolfe, Iowa
J. G. Shumaker.....Sioux City, Iowa
Hon. P. A. Sawyer.....Sioux City, Iowa
F. H. Skewis.....Inwood, Iowa
N. R. Hathaway.....Sioux City, Iowa
E. A. Morling.....Emmetsburg, Iowa
D. Montgomery .....Ireton, Iowa
W. R. Jameson.....Dows, Iowa

TERM EXPIRES, 1905.

Rev. J. W. Southwell.....Ida Grove, Iowa
Rev. D. M. Yetter, D. D.....Spencer, Iowa
Rev. Hugh Hay.....Sioux City, Iowa
L. J. Haskins.....Sioux City, Iowa
Judge Scott M. Ladd.....Sheldon, Iowa
Rev. J. W. Lothian.....Fort Dodge, Iowa
Rev. G. W. Pratt, LL. D.....Fort Dodge, Iowa
C. W. Toothaker.....Sheldon, Iowa
Rev. H. G. Pittinger, A. M.....Mapleton, Iowa
C. W. Payne.....West Side, Iowa
Rev. O. K. Maynard.....Sioux City, Iowa
C. D. Killam.....Sioux City, Iowa

TERM EXPIRES, 1906.

Rev. W. T. Macdonald.....Algona, Iowa
H. L. Warner.....Sioux City, Iowa
Rev. J. B. Trimble, D. D.....Sioux City, Iowa
J. P. Negus.....Sioux City, Iowa
Rev. G. W. Carr.....Sioux City, Iowa
Rev. Bennett Mitchell, D. D.....Sioux City, Iowa
John Metcalf .....Paullina, Iowa
Craig L. Wright.....Sioux City, Iowa
Rev. E. S. Johnson.....Webster City, Iowa
J. C. Lockin.....Aurelia, Iowa
Isaac Garmoe .....Fort Dodge, Iowa

OFFICERS AND COMMITTEES OF THE BOARD OF TRUSTEES.

Rev. Bennett Mitchell, D. D.....President
Craig L. Wright.....Vice President
George L. Search.....Secretary
Rev. J. B. Trimble, D. D.....Assistant Secretary
J. G. Shumaker.....Auditor
L. J. Haskins.....Treasurer
Rev. Frank E. Mossman.....Financial Agent

EXECUTIVE COMMITTEE.

Judge Scott M. Ladd, Craig L. Wright, Rev. J. B. Trimble, D. D.; J. G. Shumaker, L. J. Haskins, Rev. D. M. Yetter, D. D.

FACULTY COMMITTEE.

P. A. Sawyer, Craig L. Wright, Rev. J. B. Trimble, D. D.

FINANCE COMMITTEE.

John Metcalf, J. C. Lockin, L. J. Haskins.

MATRON.

Mrs. Alice M. Barker.

CONFERENCE EXAMINERS.

TERM EXPIRES, 1904.

Rev. W. J. Carr.....Storm Lake, Iowa
Rev. S. R. Beatty.....Emmetsburg, Iowa
Rev. G. W. Southwell.....Eagle Grove, Iowa
Rev. E. E. Gilbert.....Ireton, Iowa

TERM EXPIRES, 1905.

Rev. H. W. L. Mahood.....Pomeroy, Iowa
Rev. W. A. Black.....Ida Grove, Iowa
Rev. Alfred James .....Hardy, Iowa

TERM EXPIRES, 1906.

Rev. W. B. Empey.....Merrill, Iowa
Rev. O. M. Bond.....Aurelia, Iowa
Rev. T. S. Bassett.....Sheldon, Iowa

VIEW OF CAMPUS.

OFFICERS OF THE ALUMNI ASSOCIATION.

Sidney L. Chandler, '99.....President
E. M. Corbett, '94.....Vice President
Pearl A. Woodford, '03.....Recording Secretary
Bessie M. Carr, '02.....Corresponding Secretary
Dora Eisentraut, '97.....Treasurer

FACULTY

PROFESSORS.

WILSON SEELEY LEWIS, A. M., D. D.,

PRESIDENT,

Professor of Christian Ethics.

A. B., Cornell College, 1889; A. M., ibid., 1892; D. D., Upper Iowa University, 1895; Principal of Epworth Seminary, 1888-1897; President of Morningside College, 1897—.

* ELMER ELLSWORTH LYMER, Sc. M., S. T. D.,

DEAN,

Professor of Philosophy.

Sc. B., Amity College, 1879; Sc. M., ibid., 1886; S. T. D., Simpson College, 1897; Graduate Student, Denver University, 1896; Graduate Student, Boston University, 1903-4; Vice President and Professor of Mathematics, Black Hills College, 1890-97; President and Professor of Philosophy, ibid., 1897-99; Dean of the Faculty and Professor of Philosophy, Morningside College, 1901—.

* LILLIAN ENGLISH DIMMITT, A. M.,

Professor of Latin.

A. B., Illinois Wesleyan University, 1888; A. M., ibid., 1890; Graduate Student, University of Chicago, 1894; Student in the American School of Classical Studies, Rome, 1903-4; Instructor in English, Illinois Wesleyan University, 1888-90; Instructor in Greek and Latin, Morningside College, 1894-97; Professor of Latin, ibid., 1897—.

Professor of Music.

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* Absent on leave.

HELEN ISABELLA LOVELAND, A. B.,

Professor of English Literature.

A. B., Smith College, 1889; Student in Oxford University, England, 1902-3; Instructor in History and English, Epworth Seminary, 1892-95; Professor of Modern Languages, Upper Iowa University, 1896-7; Professor of English Language and Literature, Morningside College, 1897-1902; Professor of English Literature, ibid., 1902—.

* ROBERT BRADFORD WYLIE, Sc. B.,

Professor of Biology.

Sc. B., Upper Iowa University, 1897; Graduate Student, University of Minnesota, Summer, 1898; Graduate Student, University of Chicago, Summer, 1899; Fellow in Botany, ibid., 1900-1, 1902-4; Instructor in Natural Science, Morningside College, 1897-99; Instructor in Biology, Eastern Illinois Normal School, Summer, 1901; Assistant in Botany, University of Chicago, Summer and Autumn Quarters, 1902; Professor of Biology, Morningside College, 1900—.

FRANK HARMON GARVER, A. B.,

Professor of History and Politics.

A. B., Upper Iowa University, 1898; Fellow in History, University of Iowa, 1901-2; Professor of History and Economics, Morningside College, 1898-1900; Professor of History and Politics, ibid., 1900—.

REYNARD GREYNALD, A. M.,

Professor of French.

A. B., University of Paris, 1874; A. M., ibid., 1880; Professor of Latin, Chatenu Gontre, France, 1876-8; Professor of French, Morningside College, 1896—.

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* Absent on leave

EPHENOR ADRASTUS BROWN, A. M.,

Lecturer on Pedagogy.

A. B., De Pauw University, 1884; A. M., ibid., 1887; Superintendent of Schools, Woodbury County, 1894-1900; Professor of Mathematics and Pedagogy, Morningside College, 1900-02; Superintendent of Schools, Woodbury County, 1902—; Lecturer on Pedagogy, Morningside College, 1902—.

ALFRED NEWTON COOK, A. M., Ph. D.,

Registrar,

Professor of Chemistry.

Sc. B., Knox College, 1890; A. M., ibid., 1893; Ph. D., University of Wooster, 1896; Graduate Student, University of Chicago, 1895; Graduate Student University of Wisconsin, 1898, 1898-99, 1899-1900; Professor of Natural Science, Amity College, 1892-94; Professor of Chemistry and Physics, Upper Iowa University, 1894-98; Assistant in Chemistry, University of Wisconsin, 1898-1900; Professor of Chemistry, Morningside College, 1900—.

HENRY FREDERICK KANTHLENER, A. M.,

Professor of Greek.

A. B., Cornell College, 1896; A. M., Harvard University, 1899; Graduate Student, Harvard University, 1897-99 and 1902-3; Instructor in Latin and Greek, Epworth Seminary, 1896-97; Instructor in Latin, Wilbraham Academy, 1899-1900; Professor of Greek, Morningside College, 1900—.

FRED EMORY HAYNES, Ph. D.,

Professor of Economics and Sociology.

A. B., Harvard University, 1889; A. M., ibid., 1890; Ph. D., ibid., 1891; Student University of Berlin and Cambridge University, 1891-92; Instructor in History, University of California, 1892-95; Head of South Park Settlement, San Francisco, 1894-95; Assistant in United States History, Harvard University, 1896-97; Resident of South End House, Boston, 1895-1900; Professor of Economics and Sociology, Morningside College, 1900—.

JOHN WILBUR GREEN, Sc. B.,

Professor of Physics.

Sc. B., Upper Iowa University, 1899; Graduate Student, University of Wisconsin, 1901 and 1902; Instructor in Physics, Morningside College, 1900-01; Professor of Physics, ibid., 1901—.

AGNES BEVERIDGE FERGUSON, Sc. M.,

Professor of German.

Sc. B., Cornell College, 1894; Sc. M., ibid., 1895; using libraries and hearing lectures, Dresden and Berlin, 1902; Professor of Modern Languages, Fort Worth University, 1896-7; Professor of German, Morningside College, 1901—.

ROBERT VAN HORNE, Ph. B.,

Professor of Mathematics.

Ph. B., Morningside College, 1900; Graduate Student, Johns Hopkins University, 1900-01; Instructor in Mathematics, Morningside College, 1901-02; Professor of Mathematics, ibid., 1902—.

LEONARD ANDERSON BLUE, Ph. D.,

Professor of English, and Biblical Literature.

Ph. B., Cornell College, 1892; Ph. M., ibid., 1893; Ph. D., University of Pennsylvania, 1902; Graduate Student, University of Chicago, 1892-3; Graduate Student, University of Pennsylvania, 1900-02; Fellow, ibid., 1900-02; Professor of Political and Social Sciences, Iowa Wesleyan University, 1898-1900; Professor of English, and Biblical Literature, Morningside College, 1902—.

LILLIAN ESTELLE ROBERTS, A. B.,

Acting Professor of Latin.

A. B., Iowa College, 1895; Graduate Student, Wellesley College, 1895-6; Graduate Student, University of Chicago, 1900-01; Acting Professor of Greek, Morningside College, 1902-3; Acting Professor of Latin, ibid., 1903-4.

LEROY HARRIS HARVEY, Sc. B.,

Acting Professor of Biology.

Sc. B., University of Maine, 1901; Student at the Marine Biological Laboratory, Wood's Hool, Mass., Summer, 1901 and 1902; Graduate Student, University of Chicago, 1901-1903; Acting Botanist and Entomologist at the Maine Agricultural Experiment Station, Summer, 1900; Instructor in Biology, University of Chicago High School, 1902-3; Acting Professor of Biology, Morningside College, 1903-4.

CLARA BOOTH DAVIDSON,

Professor of Elocution.

Student in National School of Oratory, Philadelphia, 1880-82; Professor of Elocution, Morningside College, 1899-1902, 1903-4.

INSTRUCTORS.

WILLIAM ALBERT BLACKWELL,
SECRETARY OF THE FACULTY,
Instructor in Commercial Branches.
Graduate of the Gem City Business College, 1896; Graduate of the Western Normal School, 1896.

CHARLOTTE ELLA HICKMAN, B. L.,
Instructor in English Branches.
B. L., Ohio Wesleyan University, 1889.

KITTIE ANNA PATTERSON,
Instructor in Drawing.
Graduate of the Des Moines Academy of Art, 1900; Pupil in the National Summer School, Chicago, 1900.

GEORGE FRANK BARSALOU, Sc. B.,
Instructor in Normal Branches and Geology.
Sc. B., Morningside College, 1903.

BESSIE MAY CARR, Ph. B.,
ASSISTANT REGISTRAR,
Instructor in Latin.
Ph. B., Morningside College, 1902.

JOSEPH G. HOBSON, Sc. B.,
Instructor in Normal Branches, during Summer Session.
Sc. B., National Normal College, 1874.

CONSERVATORY OF MUSIC.

Director.

SARAH JANETTE LACY,
Normal Methods and Chorus.

Graduate of the American Institute of Normal Methods, 1898.

MYRTLE MABEL LOTHIAN,
Piano.

Pupil of Saide Knowland Coe, 1900-01; Graduate of the Morningside College Conservatory, 1902; Pupil of Emil Liebling, 1903.

FLORENCE GERTRUDE LEWIS,
Piano and Musical History.

Graduate of the New England Conservatory of Music, 1888.

STANISLAUS SCHERZEL,
Violin and Harmony.

Pupil of Jacobsohn, Companari and Marieu.

EDITH AMANDA LARSON,
Voice.

Student in the Chicago Musical College, 1893-95; Pupil of William Nelson Burritt, 1901-2; Pupil of Alfred Williams, 1902.

ALICE BROWN MARSHALL,
Piano.

Pupil of A. K. Virgil, 1878-1880; Pupil of Carl Retter, 1882-1888; Pupil of William H. Sherwood, 1893-98.

KATHERINE JOHANNA MANUS,
Assistant in Piano.

STANDING COMMITTEES OF THE FACULTY

Classification—A. N. Cook, Helen I. Loveland, H. F. Kanthlener.

Program—Robert Van Horne, H. F. Kanthlener, L. H. Harvey.

Chapel—G. F. Barsalou, J. W. Green, Robert Van Horne.

Athletics—F. H. Garver, J. W. Green, Clara Booth Davidson.

Catalogue—H. F. Kanthlener, A. N. Cook, F. H. Garver, L. A. Blue, Robert Van Horne.

Library—Helen I. Loveland, Agnes B. Ferguson, Lillian E. Roberts, F. E. Haynes.

Commencement—Helen I. Loveland, L. A. Blue, Myrtle Lothian, Edith A. Larson, Clara Booth Davidson.

Registration—A. N. Cook, H. F. Kanthlener, Bessie M. Carr.

Entertainments—L. A. Blue, Florence G. Lewis, F. H. Garver, Lillian E. Roberts.

Lecture Course—H. F. Kanthlener, Agnes B. Ferguson, Clara Booth Davidson, Alice B. Marshall, G. F. Barsalou.

Courses of Study—A. N. Cook, F. H. Garver, F. E. Haynes, L. A. Blue, H. F. Kanthlener.

Debates—F. E. Haynes, F. H. Garver, L. A. Blue.

Student Publications—J. W. Green, F. E. Haynes, L. A. Blue, Helen I. Loveland.

LECTURES, ADDRESSES, CONCERTS, ETC.

(Given since the last issue of the Catalogue.)

President W. S. Lewis.....Baccalaureate Address
"Christianity a Solvent for Life's Problems."

Rev. F. Newhall White, D. D.....
.....Address before the Christian Associations
"Personality."

Rev. William F. McDowell, D. D.....Chapel Address
"Christian Education."

Rev. William A. Quayle, D. D...Commencement Address
"Ulysses."

Bishop Charles H. Fowler, D. D., LL. D.,.....Lecture
"Great Deeds of Great Men."

Mr. D. A. Clippinger.....Lecture
"The Nature and Meaning of Art."

Jenny Osborn Concert Company.....Concert

Mr. George L. McNutt.....Lecture
"America's One Danger."

Rev. W. N. Brewster.....Chapel Address
"China and the Chinese."

Herbert Butler Concert Company.....Concert

Rev. F. G. Smith.....Lecture
"The Man for Our Times."

Mr. Alton Packard, Humorist.....Lecture
"Uncle Sam and His People."

Rev. Julius Smith.....Chapel Address
"Burmah."

Rev. Robert Smylie, D. D.....
.....Sermon on the Day of Prayer for Colleges
"Conditions of Finding God."

Rev. George C. Fort.....Lecture
"The Sweat of His Face."

Bishop J. W. Hamilton, D. D.....Chapel Address
"Character versus Position."

Rev. Chas. P. Chapman.....Chapel Address
"Missions in South America."

Rev. David S. Spencer, D. D.....Chapel Address
"Conditions in the Orient."

GENERAL INFORMATION

PURPOSE.

Morningside College is distinctively and positively a Christian college. It is believed that the highest scholarship is attainable only in an atmosphere of thorough Christian living and teaching. Development of mind and character is therefore the supreme purpose of the institution.

LOCATION.

Morningside College is located in Sioux City, Woodbury County, Iowa. Sioux City is situated on the Missouri River, in one of the most healthful, prosperous and beautiful sections of the northwest; it is a city of 40,000 inhabitants, thoroughly businesslike and progressive. Railroads enter the city from different directions, making it easy of access from all parts of the country.

The immediate seat of the college is Morningside, a beautiful residence suburb, three miles southeast of the business section of the city. The suburb is connected with the city by two rapid transit motor lines. Transfers are given from these lines to nearly all parts of the city. Electric cars start from either terminus every fifteen minutes and one of the lines passes in front of the college campus. This beautiful suburban village enjoys a reputation for the moral and religious character of its citizens, as well as for their high degree of culture, which insures to students the best possible environment. The college is near enough to the business district to receive

the advantages afforded by an active, modern commercial city, and yet far enough removed to be free from its distracting influences.

The homes of Morningside are made up very largely of people who desire the association which a college town affords. Many people have moved into the suburb for the express purpose of educating their children. No better environment can be afforded than is furnished by the citizens of Morningside. An effort is made to make the residence of students pleasant and helpful, and special interest is taken by the local church in the welfare of the students. This, together, with the excellent intellectual and spiritual atmosphere of the school, is well calculated to inspire in the young people the most helpful ideals.

BUILDINGS, GROUNDS AND EQUIPMENT.

THE CAMPUS.

The original campus contained about seventeen and one-half acres of ground, well improved with shrubbery and trees and nicely laid out with walks and drives. The beautiful tract of ground lying just south of the campus, belonging to Mr. Peters, and containing about ten acres, with the large cottage thereon, has recently come into the hands of the college. This property is handsomely laid out with walks and drives, bordered with well grown and well cultivated trees. A few years ago it took the prize at the Iowa State Fair for beauty of situation and arrangement. The possession of the property gives the college a front of about one-fourth mile each on Morningside Avenue and Peters Street, and a campus unsur-

passed for location, beauty and general adaptability for the development of a great institution. Its elevated position, which is over 200 feet above the river and about one and one-half miles distant, secures the best possible conditions for health and affords a delightful outlook over the entire city and the broad Missouri sweeping many miles away to the south and west.

BUILDINGS.

MAIN HALL.

During the years of 1899 and 1900 a large, new building was erected, which is one of the finest structures of its kind in the state.

This building is "T" shaped, the main part fronting toward the east being 140 feet in length, while the east and west dimension is 145 feet. The foundation is built of Sioux Falls granite, and the superstructure of pressed brick, with stone trimmings. The building is practically four stories in height, the basement story being elevated and well lighted. It is heated with steam, lighted by both gas and electricity, and is well ventilated. The basement story contains the gymnasium and bath rooms, the physical laboratories, and boiler room. The first story contains the President's office, the Faculty room, the chemical laboratories, and various class rooms. The second story contains the auditorium, with a seating capacity of 700, the biological laboratories, the library rooms, and various class rooms. The third story contains the Christian Association hall and the halls of the various literary societies. All of these rooms are connected by double doors, which may be thrown open, forming one vast reception hall, and used for general receptions at the beginning of each year and at other times when the occasion requires.

NORTH HALL.

This is a substantial structure of Sioux Falls granite, 43 by 65 feet, four stories in height. In this building are sixteen rooms and an assembly hall which occupies nearly all of the fourth floor. This building is now devoted principally to the work of the Conservatory of Music. The basement is occupied by the college printing plant.

PARK HALL.

Park Hall is a large cottage acquired through the purchase of the Peters tract. It contains eleven large rooms, not including the reception and bath rooms, and is in charge of a competent matron. It is used as a home for a limited number of young ladies. Those desiring rooms should correspond with the President.

LABORATORIES.

PHYSICAL.

During the past year the Department of Physics has used as a laboratory the entire basement floor of the wing of the main building, together with an apparatus room, and a dark room for photometric work. About $800 has recently been expended for apparatus. Most of this has been imported duty free. Some of the more important pieces of apparatus now in the laboratory are a precision balance, Chaslyn balance, specific gravity balance, barometer, air pump, vacuum gauge, seconds pendulum, apparatus for co-efficient expansion, for co-efficient of elasticity, Jolly balance, batteries of various types, galvanometers of the tangent astatic and D'Arsonval types, static machines of the Voss and Wimhurst patterns, resistance boxes, wheatstone bridges, telegraph

sounder, key and relay, commutators, dynamo, motors, refractometer polariscope, spectroscope, photometer, sperometer, sensitive balance and set of weights, Westphal's specific gravity balance, sonometer, barometer, hydrometer, spectrometer, magnetometer, galvanometers, voltmeter, and ammeter of the Jewel pattern, large static machine for X-ray work, storage cells, projection lantern, water blast, wireless telegraphy outfit, etc. This equips the department with the necessary apparatus for Experimental Physics and makes it possible to perform all the experiments usually performed in a modern physical laboratory. Apparatus has also been provided for the course in Chemical Physics, which is offered each year.

BIOLOGICAL.

The Department of Biology occupies a set of rooms at the south end of the second floor, Main Hall. The lecture room is well lighted and is fitted with raised seats. The east laboratory, designed for work in morphology, has wall tables with drawers, aquarium tables, students' lockers, and a microscope cabinet. The west laboratory has a similar equipment and is used for histology and physiology. Between these two laboratories is a smaller private laboratory. This is fitted with apparatus for microscopical work by artificial light, as well as by daylight. Adjoining is a supply room and also a dark room for photographic and physiological work. A small room in the basement provides a place for the storing of supplies and material not needed for immediate use. An alcove opening into one of the laboratories is being fitted up for the herbarium. All students' lockers are fitted with Craig keyless locks. The laboratories are supplied with city water, gas and electric lights. There is a good

equipment of apparatus, including compound microscopes, microtomes, water baths, dissecting microscopes, etc., together with material for laboratory work and class demonstration, such as sets of prepared slides, preserved plant and animal material obtained for dissection from various parts of the United States, and a collection of marine invertebrates obtained from the Smithsonian Institute.

The Biological library contains a complete set of Engler and Prantl's *Naturliche Pflanzen-familien,* Pfeffer's *Physiology of Plants,* Schimper's, Warming's and Drude's works on plant geography, Drude's *Vegetation der Erde,* DeBarry's works, Kerner-Oliver's *Natural History of Plants,* Lang's *Invertebrate Morphology,* Parker & Haswell's *Textbook of Zoology, Cambridge Natural History,* besides many single volumes on Botany and Zoology in English, French and German.

The department regularly receives the *Botanisches Centralblatt,* the *Botanical Gazette,* the *American Journal of Applied Microscopy,* and *Science.*

CHEMICAL.

The Department of Chemistry occupies a set of seven rooms on the first floor of Main Hall. It includes a lecture room with raised seats and a maximum seating capacity of sixty, a general chemical laboratory, with capacity for over sixty desks; an advanced laboratory, a private laboratory, a balance room, a store room, and an acid room. The laboratories are furnished with all of the modern conveniences and appliances. The students' desks are built of oak and contain lockers and drawers for the apparatus of each individual student. Each desk is furnished with gas and water, and all of the usual reagents are to be found on the shelves. The laboratories

are exceptionally well ventilated and each room contains one or more easily accessible hoods for carrying off fumes. An abundance of material is kept in stock at all times and is constantly replenished. Each year an order is placed with a German firm to import chemicals and apparatus duty free. The department offers good facilities for all ordinary chemical work, and every attention and opportunity will be afforded those who desire to give the subject special attention.

The Chemical library contains a complete set of the *Berichte der Deutschen Chemischen Gesellschaft* from its beginnig in 1868, a complete set of the *Journal of the London Chemical Society* from 1871 to the present, Allen's *Commercial Organic Analysis,* Watt's *Dictionary of Chemistry,* and other works, both English and German, which have recently been purchased. The department receives regularly the following journals: *Berichte der Deutschen Chemischen Gesellschaft, Annalen der Chemie, Journal of the London Chemical Society, Journal of the American Chemical Society,* and *Bulletin de la Societe Chemique de Paris.* The department has also access to the current numbers as well as the files of the *American Chemical Journal,* the *American Journal of Science, Science,* published by the American Association for the Advancement of Science, and *School Science.*

LIBRARIES.

The College Library occupies two large rooms on the second floor. Magazine stacks and newspaper racks have been added during the year, and there are received regularly about forty periodicals, including scientific journals, popular magazines, religious papers, daily and weekly newspapers. The library contains over 4,000 bound volumes, and the number is constantly being increased

by purchase and donations. Donations of books and money to purchase books are thankfully received, and due credit will be given the donor in every case.

The City Library is housed in a fine building erected for the purpose and is supported by public tax, and contains about 16,000 volumes. It is open to citizens and students alike, free of charge. It is especially rich in history, and contains several rare and valuable works.

These libraries cover a wide range of subjects: Biography, Travel, Music, Education, Political Economy, Political Science, Biblical Literature, Science, History, Geography, Literature, Sociology, Philosophy, Religion, etc., and offer to students exceptional advantages.

GYMNASIUM.

The gymnasium is located in the basement of Main Hall. It is fitted out with a supply of apparatus for all kinds of gymnastic work, including a vaulting horse, a vaulting buck, parallel bars, trapeze, swinging rings, chest weights, striking bag with Moline platform, adjustable ladder, mats, dumb bells, Indian clubs, medicine balls, wands, etc. The floor is marked out as a basket ball court, which makes the gymnasium a scene of activity during the winter months, during which period the track team also makes use of it.

Separate dressing rooms for men and women are provided adjacent to the gymnasium. In these rooms sixty lockers have been placed during the past year, which number will be increased.

THE NEEDS OF MORNINGSIDE COLLEGE.

First of all we need endowment. It is possible to sustain an academy or seminary on the income of tuition and fees, since the instruction given is all elementary in character and does not require the service of teachers of as extensive training as does the college, and who consequently command much less salary. The instructor can also, quite successfully, give instruction in more than one department of learning, as for example Latin and History, or German and Mathematics. He can also teach a larger number of classes per day, since he is dealing with younger minds as well as with the elements of the various subjects.

The college professor, on the other hand, must receive more extensive training and must be a man of maturer years and more experience in order to do the work required by the modern college. He cannot give good instruction in more than one branch of learning. The college instructor cannot successfully give instruction in Latin and Philosophy, Biology and Chemistry, or History and German, any more than a minister of the gospel can be a successful practitioner of medicine at the same time. This, then, requires that the number of teachers must be much larger than in an academy or old time college. The laboratories, too, must be much more extensive and the libraries much larger, and as a consequence more buildings are necessary. All of these things conspire to increase the expense of running a college. If the college should charge the student all it actually costs to give him instruction, he would have to pay double, treble or even quadruple the amount for instruction it now costs him. The college then would only be a school for the rich, and young people of small or moderate circum-

stances would be debarred from taking a college course.

The need of endowment for the college is evident. At present our annual expenses exceed the income by $10,000.00. The income from fees and tuition must, therefore, be supplemented by a large number of donations in order that the institution may be kept up to its present high standard.

Other needs are a Science Hall, a Ladies' Hall, and funds for the purchase of books for the library.

FORMS OF BEQUEST.

I give and bequeath to Morningside College, located at Sioux City, Iowa, the sum of.....
.....Dollars, to be added to and considered a part of the General Endowment Fund.

I give and bequeath to Morningside College, located at Sioux City, Iowa, the sum of.....
.....Dollars, to be used to endow a professorship, to be named the.....
Professorship.

I give and bequeath to Morningside College, located at Sioux City, Iowa, the sum of.....
.....Dollars, to be used for Library Fund. The interest of said fund to be used for the purchase of books for the library.

ITEMS OF GENERAL INTEREST

COLLEGIATE YEAR.

The school year consists of three terms and a summer session. The fall term is fourteen weeks in length, the winter term twelve, the spring term ten, and the summer session six weeks. It is so arranged as to give a vacation of two weeks at the holidays, one week between the winter and spring terms, and seven weeks at the close of the summer session.

GOVERNMENT.

The government of the institution rests on the principle that self-control constitutes the central power in human character. The Faculty will insist on such conduct as becomes the high position of students in a Christian college. Students whose conduct is detrimental to the interests of the college, and who do not yield to the salutary counsels of the Faculty, will be dismissed from the college.

As the college is open alike to ladies and gentlemen, great care will be taken that no improprieties are committed in their general deportment toward each other. The visiting and association of ladies and gentlemen is strictly forbidden, except at such times and under such regulations as the Faculty may deem wise.

Special permission must be obtained for rooming in a house not occupied by a family.

Students may be required to change their rooms when the choice of location does not meet with the approval of the Faculty.

Ladies and gentlemen will not room at the same place, except by special permission.

Everything in deportment which interferes with the highest mental and moral development is probihited; such as profanity, obscenity, gambling, the playing of cards and billiards, the use of intoxicating liquors, and all forms of dissipation. The use of tobacco in the buildings or on the grounds of the college is forbidden.

RELIGIOUS EXERCISES.

The college emphasizes strongly the fact that all true culture is based upon seeking "first the Kingdom of God." Therefore, all students are required to attend the chapel exercises held each school day. On Sunday all are required to attend one church service. On Thursday evening there is a general religious service under the direction of the President. On Sunday mornings prayer meetings are held by the young men and young women separately, under the direction of the Y. M. and Y. W. C. A.

PARENTS AND GUARDIANS.

Free correspondence with parents and guardians is invited. The Faculty will furnish them information concerning their children, when desired, and will carry out their wishes as far as possible.

REGISTRATION.

Tuesday and Wednesday of each term will be given entirely to the work of registration.

It is expected that students will complete their registration on these two days.

No student will be registered for more than the scheduled number of hours in any year of any course unless he has made an average grade of "B" during the preceding term, nor will any student be registered for more

than the regular amount of work, who has failed in any subject the preceding term. The regular amount of work in the academy is eighteen hours, and in the college fifteen hours. No student will pursue a course for more than one year in advance of his classification without the permission of the Faculty.

Conditions and required subjects scheduled for the year in which the student is classed take precedence in registration over advanced courses or elective work.

SPECIAL STUDENTS.

Arrangements will be made for the accommodation of those who do not seek a degree, but who desire to pursue special studies in any department. The instructor will judge of the fitness of the applicant for the branches which he proposes to study.

Special students will be required to conform to the same rules as regular students, in regard to attendance upon chapel services and public worship, unless specially excused.

CLASSIFICATION.

Graduates from the Morningside Academy will be entitled to college rank. Graduates from accredited high schools, or approved preparatory schools, will be given Freshman rank, and if their work has not included all the specific requirements for admission as published on pages 45 to 56 they will have opportunity to make up the deficiencies.

Students may be promoted who have not more than three conditions at the opening of the winter term, and not more than one condition at the opening of the spring term. Senior preparatory students are promoted before

the close of the spring term on presenting an oration and payment of fees.

Any uncredited three-hour course, or equivalent, for any term preceding that in which the advanced rank is to be given, constitutes a condition for college students; any uncredited four-hour course, or equivalent, for academy students.

When students are conditioned they must make up their conditions within a year after taking the advanced rank, unless the time is extended by permission of the Faculty.

ABSENCES.

Regular attendance upon all scheduled work is required. If, for any reason, a student wishes to be absent from college he must obtain permission from the President. No absences from class will be allowed except under conditions which will be officially made known to the student.

SCALE OF SCHOLARSHIP.

Examinations are held at the close of each term. The work of the students is graded according to the following scale: A, high; B, good; C, fair; D, passing grade; E, poor, not passed; Cond., conditioned.

If a student is given a rank of E it signifies that he receives no credit and will be required to pursue the study again. If he is reported Cond., it signifies that he has failed in some particular and the work may be made up. All such conditions must be removed before the close of the following term, or the student will receive no credit. All grades are entered in the Registrar's record, and a report is sent to the student's parents or guardian at the close of each term.

THE J. F. HASKINS SCHOLARSHIP.

A scholarship has been founded by J. F. Haskins, of Boscobel, Wisconsin, with a value of $1,000.00, the income of which is to be awarded to that person who shall be named by the founder.

It is hoped that other friends of the institution will soon provide scholarships for the benefit of students who deserve pecuniary aid.

EXPENSES.

The authorities of the institution have striven to keep expenses as low as possible for good, healthful, comfortable living. During the past year table board has been furnished in private homes at $2.25 to $2.75 per week. Board is furnished in the College Dining Hall at $2.25 per week. Furnished rooms in private homes cost from 75 cents to $1.25 per week. Occasionally board and rooms can be obtained at lower rates than those quoted above. Many students rent furnished rooms and board themselves at less expense. Many students also work for their board in private homes. Morningside College is free from extravagant tendencies which pervade many institutions and which frequently cause the chief expense of a college course.

TUITION AND FEES.

COLLEGE, ACADEMY AND NORMAL DEPARTMENTS.

	Fall.	Winter.	Spring.
Registration fee, see below	$ 1.50	$ 1.50	$ 1.50
College tuition	18.00	16.00	14.00
Academy and Normal tuition	14.00	12.00	10.00
Sub-preparatory tuition	11.90	10.20	8.50
Commercial branches, not including Stenography	11.90	10.20	8.50
Stenography	16.00	15.00	14.00
Bookkeeping, alone	6.00	5.00	5.00

LABORATORY FEES.

	Fall.	Winter.	Spring.
Physical Chemistry	$ 6.00	$ 5.00	$ 4.00
Freshman Chemistry	6.00	5.00	4.00
Advanced Chemistry	7.00	6.00	5.00
College Physics	3.00	3.00	3.00
College Biology	3.00	3.00	3.00
Academy Biology	.....	2.50	2.50
Mineralogy	.....	.....	4.00
Geology	.....	2.00	.....
Physiography	1.00	.....	.....
Academy Physics	2.00	2.00	1.50

CONSERVATORY OF MUSIC.

REGULAR PROFESSORS.

	Fall.	Winter.	Spring.
One individual lesson per week, periods of thirty minutes each	$11.65	$10.00	$ 8.35
Two individual lessons per week	22.35	19.00	15.85
Two class lessons per week, periods of sixty minutes each	16.35	14.00	11.65

ASSISTANTS.

	Fall.	Winter.	Spring.
One individual lesson per week, periods of thirty minutes each.	$ 7.00	$ 6.00	$ 5.00
Two individual lessons per week.	14.00	12.00	10.00
Two class lessons per week, periods of sixty minutes each, in class of three each	10.50	9.00	7.50
Tuition in Harmony	7.00	6.00	6.00

DEPARTMENT OF ELOCUTION.

Class work, twenty lessons	$ 3.00
Private work, twenty lessons, entitling the student to ten special class lessons	14.00

GRADUATION FEES.

College	$ 5.00
Department of Music	4.00
Academy	3.00
Normal Department	3.00
Certificate fee, Department of Elocution	2.00

A registration fee of $1.50 will be charged each student every term, but $1.00 will be remitted to all registering during regular hours on the first or second day of the term.

Tuition must be paid in cash and invariably in advance.

A charge of $2.00 will be made for special or arrearage examinations.

Ordained ministers and children of ordained ministers in regular work receive a rate of half tuition, except in special departments.

Students carrying as much as twelve hours in the

College, or fourteen hours in the Academy, will be charged full tuition. Students carrying less than the above amount will be charged at the rate of $1.50 per hour in the College, or $1.00 per hour in the Academy.

Students desiring to take more than regular work will be charged for the same at the rate of $1.00 per hour for a study in the College, and 75 cents per hour for one in the Academy or Normal Department.

One study in College, Academy or Normal Department may be taken free of charge by students whose music tuition equals $19.00 or more.

No tuition will be refunded except for sickness, when one-half of the balance from the time the student is excused will be returned. But any student compelled by good reason to leave school will be granted a certificate entitling him to the unused tuition another term. No tuition will be refunded and no certificate given for the last month of a term.

The Treasurer's signature on class cards must be secured before the student is admitted to classes.

All graduation fees are due May 20.

PHYSICAL TRAINING.

The work in Physical Culture is under the direction of two competent directors, one for men and one for women, who are regular members of the Faculty and were chosen because of their special fitness for the work. Two hours per week in the gymnasium are required of all Senior Academy, Freshman and Sophomore students. The work may be elected by any student who wishes to take it. All students taking the work are required to provide themselves with proper gymnasium suits, in-

cluding shoes. These are absolutely necessary and yet are quite inexpensive. Lockers in the dressing rooms may be rented by payment of a small annual fee.

DEBATES.

There is considerable interest in the College on the subject of debating. There are each year two inter-society debates; one between the men's collegiate literary societies and one between the men's academic litrary societies. These inter-society debates are preliminary to the inter-collegiate debates. A debating league, composed of Morningside College, Simpson College, Baker University, and Nebraska Wesleyan University, has been formed. Morningside Academy has formed a similar league with Grinnell Academy, Des Moines College Academy, and Simpson College Academy. Debating is managed by a committee appointed by the literary societies, under the supervision of the Faculty committee on debates.

STUDENT ORGANIZATIONS.

The Young Men's and the Young Women's Christian Associations are active organizations, having a strong influence in intensifying the Christian life and activity of the students. Under their direction there are held devotional meetings each Sunday morning, and often special prayer services during the week. They are a spiritual force in the school. Bible bands are conducted by members of the association, giving helpful training to Christian workers. Also there is a Mission Study class through whose efforts a number of valuable books on the subject of missions has been placed in the College library.

These organizations have regular committees to meet the trains at the opening of each term, and to assist students in securing rooms. New students would do well to retain their checks on the train, and to look at the depots for those wearing the association badge with the College color. Any desiring information will do well to correspond with the Presidents of the associations, Mr. W. H. Debenham or Miss Virginia Fair, Morningside, Sioux City, Iowa. A card mailed to either of these parties stating the road over which the student will come, and the time of the train, will secure the personal attention of a committee upon the student's arrival.

A MINISTERIAL CLUB has been organized among those who are preparing for special Christian work. It meets once in two weeks especially for the discussion of the questions which relate to the future work of the ministry. All who are interested are invited to attend these meetings.

COLLEGE LITERARY SOCIETIES. There are four College literary societies, which have nicely furnished halls on the third floor of Main Hall. They meet weekly and afford excellent opportunity for drill in parliamentary rules, in writing, speaking and debating. Two of these societies—the Philomathean and Othonian—are maintained by the young men of the College, and two—the Atheneum and Zetalethean—by the young women.

ACADEMY LITERARY SOCIETIES. There are also four Academy literary societies—the Hawkeye and Adelphian for young men, and the Crescent and Aesthesian for young women. They occupy nicely furnished halls on the third floor of Main Hall, and have weekly meetings for drill in declamation, debate, etc. All students of the Academy are eligible to membership.

Oratorical Association. The College is a member of the State Oratorical Association. There is in the school a local association composed of and controlled by the collegiate students. An annual oratorical contest is held, the winner of which represents Morningside College in the State contest, at which fifteen of the best colleges of the state have an opportunity to compete.

It is hard work and expensive to write and train for an oratorical contest. Our home contest should be endowed with at least $1,000, which endowment would yield about $50 annually as a prize to the winner. Such a stimulus would materially aid the work.

The Editorial Board is elected by the four College classes and has charge of the publication of The Collegian Reporter, an eight-page weekly issued in the interest of the student body.

The Prohibition Club is a non-partisan organization which has for its object the study of the prohibition question from a sociological standpoint. An oratorical contest is held annually.

The Athletic Association includes most of the students of the College and is thoroughly organized. The association has general supervision over all sports in the institution. Under the general association are organized minor associations, such as Tennis, Football, Basket Ball and Baseball Associations. The officers of the general association, together with the managers of the associate organizations, comprise the executive committee which schedules and supervises all games, etc. Students carrying less than twelve hours of work, and students not making good grades, are debarred from entering intercollegiate contests.

DEPARTMENT ORGANIZATIONS.

A CHORAL SOCIETY has been organized for the study of the higher forms of choral music, to which all students passing satisfactory examination in reading music are admitted. Several concerts, consisting of choruses of different styles, both sacred and secular, are given each year, including an oratorio at Commencement time. The opportunity to become acquainted with the best music of this kind cannot be surpassed in the northwest, and is of the utmost advantage to the student.

THE SCIENCE CLUB was organized three years ago and is doing efficient work. Meetings are held monthly. The programs consist of reviews of original work by professors or advanced students, reviews of important articles in leading scientific journals, and papers on important scientific problems. All students doing major work in Science are eligible to membership. The meetings, however, are open to all who are interested. Since its organization ten papers have been read before other scientific societies by its members, and thirteen papers have been published in the Proceedings of the Iowa Academy of Sciences, American Journal of Applied Microscopy, Botanical Gazette, American Chemical Journal, and the Journal of the American Chemical Society.

THE POLITICAL SCIENCE CONFERENCE is organized within the general departments of History and Economics. Membership is limited to those College students who are taking major work, together with those who are taking, or have taken, as many as two advanced courses, in either of the above departments. The conference meets once in two weeks and is conducted by the heads of the two departments. Subjects of general interest are presented and followed by a discussion of the same. Ad-

dresses by talent from out of town and from Sioux City are a special feature. Residents of the city and of Morningside and college students of all departments are welcome to attend the meetings.

THE PHILHARMONIC CLUB is an organization in which music is studied, not in the usual technical way, but as one of the fine arts, and in its relation to the other arts, as well as to the sciences and other branches of learning. Musical literature is studied as we study English literature, and the interpretative side of music is constantly under consideration. The work of the club does much to cultivate and broaden the musical taste of students and is a means by which they may acquire true culture.

THE ACADEMY OF SCIENCE AND LETTERS. During the past year the Scientific Association of Sioux City was reorganized upon a broader basis and is now known as the Academy of Science and Letters of Sioux City. The objects of the academy are: (1) original investigation in science, history, sociology, letters, etc; (2) the publication of proceedings, and (3) the maintenance of a museum and library.

The meetings of the Academy, which are held semimonthly from September to April, are open to the Faculty and students of the College, and have proven to be the source of much good.

PUBLICATIONS.

THE COLLEGE BULLETIN is published quarterly in the interest of the College. It serves as a medium to keep friends informed concerning items of interest and the progress of the institution, and to inform the public regarding the facilities offered by the institution. It is

sent to prospective students, teachers, contributors to the institution, alumni, members of the Board of Trustees, and any others who may be interested. It will be sent regularly, free of charge, to any one, on application to the President of the College.

THE JUNIOR ANNUAL is issued by the Junior Class.

THE COLLEGIAN REPORTER is an eight-page weekly edited and published by a company of the students. It is printed at the College Printery in the basement of North Hall, and is devoted to the interests of the student body.

THE COLLEGE CATALOGUE is issued the latter part of each year and is sent free on request to any one interested.

SUMMER SESSION.

The Summer Session of Morningside College was established in 1902. It succeeded beyond the hopes of its promoters. One hundred and thirty-five students were in attendance. The purpose of the Summer Session is to give to public and high school teachers an opportunity to review subjects they may once have studied, as well as to pursue studies in advance of those they are teaching; to give to teachers who are now holding Second Grade certificates an opportunity to pursue the subjects required for First Grade certificates under teachers who are specialists; to give to students in the College and the Academy an opportunity to continue their work forty-two weeks each year instead of thirty-six; to offer students who are irregular in their course of study an opportunity to become regular. Those who are able to make the required average grade of "B" in their work by car-

rying seventeen or eighteen hours of work through each year may complete the four years' College course in three years. This plan has been adopted by several of the larger universities with success, and some students of the College are now working on this plan.

The tuition for Review and Teachers' course will be $1.00 per week, all of which is payable on entrance upon the work. This includes free tuition in vocal music. College and Academy students will be charged the regular rates for the work taken. Board can be obtained at the usual rates.

College and Academy courses will be offered in Mathematics through Trigonometry, Philosophy, Chemistry, Physics, Astronomy, French, History and Political Science in the summer of 1904.

The County Institute of Woodbury County will be held during the last part of the session and will be in charge of County Superintendent Brown. The classes for teachers will close when the institute begins.

THE COLLEGE

TERMS OF ADMISSION.

Candidates for admission should be at least sixteen years of age, and must give satisfactory evidence of good moral character; those who have been members of some other college must present certificate of honorable dismissal.

Students may be admitted by any of the following methods: (1) By examination; (2) by completing one of the courses in Morningside College Academy; (3) by presenting a certificate from an accredited high school o racademy; (4) by presenting credits or certificate of standing from some other college of good standing. Forty-five term credits or thirty semester credits are required for unconditional admission. Students whose deficiencies do not exceed two semester credits will be admitted to the Freshman Class on condition that the preparatory work takes precedence in registration over advanced or elective work.

Those desiring admission by certificate should secure from the Registrar blanks to be filled out and filed with the Registrar upon entrance. These certificates should show a list of the preparatory studies certified by the Principal of the preparatory school, or by some other proper official, showing the quantity and quality of work done, and the time of final examination in the subjects presented. Students entering on certificate are considered on trial until they give satisfactory evidence of ability to carry the work which they undertake.

SUBJECTS REQUIRED FOR ALL COURSES.

The following prescribed work is required for entrance to all courses:

ALGEBRA. Including equations of more than one unknown quantity, involution, evolution, radicals, and quadratics.

GEOMETRY. Plane Geometry, with special emphasis placed upon original problems.

RHETORIC. The elements of Rhetoric as presented in Scott and Denny or an equivalent. The requirements in Reading and Study and Practice in English are practically uniform in all colleges. The work for the next three years is as follows:

1904, 1905, 1906: Shakespeare's "Merchant of Venice," "Julius Cæsar ('04-'05), "Macbeth" ('06); the "Sir Roger de Coverley Papers" in the Spectator; Goldsmith's "Vicar of Wakefield" ('04-'05); Irving's "Life of Goldsmith" ('06); Coleridge's "Ancient Mariner," Scott's "Ivanhoe," Tennyson's "The Princess" ('04-'05), "Gareth and Lynette," "Lancelot and Elaine," and the "Passing of Arthur" ('06); Lowell's "Vision of Sir Launfal," George Eliot's "Silas Marner," Carlyle's "Essay on Burns" ('04-'05); Scott's "Lady of the Lake" ('06).

1904, 1905, 1906: Shakespeare's "Macbeth" ('04-'05), "Julius Cæsar" ('06); Milton's "L'Allegro," "Il Penseroso," "Comus" and "Lycidas"; Macaulay's "Essay on Milton," "Essay on Addison" ('04-'05), "Life of Johnson" ('06); Burke's "Conciliation with America."

SCIENCE. One year of Science, excluding Grammar Grade work in Physiology and Physiography.

HISTORY. One year's work in addition to elementary United States History. Ancient History to 476 or 800 A. D., with special reference to Greece and Rome is rec-

ommended. If the candidate cannot present this he may substitute for it either (1) General History, one year, (2) Mediæval and Modern, one year, or (3) one year in elementary English History and advanced American History.

Additional Requirements for the Classical Course:

LATIN. Grammar, including prosody, four books of Cæsar's "Gallic War," six orations of Cicero, and six books of Virgil's "Aeneid," or a full equivalent for any of this work. Prose composition is required equal to one lesson a week for three school years.

GREEK. Grammar, White's First Book, or an equivalent. Four books of Xenophon's "Anabasis" and three books of Homer's "Iliad," or a full equivalent. Prose composition will be required.

Work to the amount of five semester credits in addition will be required, which may be any of the work listed under Elective Credits, on page 49

Additional Requirements for the Philosophical Course:

LATIN OR GREEK. The same as for the Classical Course.

FRENCH OR GERMAN as follows:

FRENCH. A thorough knowledge of the grammar, the irregular verbs, idioms of the language, and correct pronunciation, together with the reading of not less than 400 pages of standard authors.

GERMAN. A thorough knowledge of the grammar, with especial attention given to the strong and weak verbs, separable and inseparable prefixes, modal auxiliaries, the use of the subjunctive and infinitive, sentence order and complex sentence structure. Careful attention should be given to pronunciation, and prose composi-

tion is required. The candidate must present work in addition equal to at least 400 pages of reading from standard authors, including at least one German classic.

Five semester credits in addition will be required, which may be any of the work listed under Elective Credits, on page 49

Additional Requirements for the Scientific Course:

LANGUAGE. The equivalent of at least four hours a week of class instruction for two years each in any two of the following: Latin, Greek, German or French. One year of advanced Science work may be offered instead of one year of modern language.

PHYSICS. Two semesters' work, using such works as Carhart & Chute's Physics, accompanied by Chute's Laboratory Manual. The work must be taken with good laboratory facilities, and the laboratory work should occupy about one-half of the course. Students who are deficient in the laboratory work will have an opportunity to take the Laboratory course without the text book in the Academy laboratory.

BOTANY. One semester, using such a work as Bergen or Coulter. The text work must be accompanied by laboratory work, which should include a careful study of types of all the great groups of plants, with special emphasis on the flowering plants. Students desiring credit should bring note books showing work done.

Five semester credits in addition will be required, which may be any of the work listed under Elective Credits on this page.

CREDITS.

The following list contains the subjects for which credit is usually given in admitting students from accredited secondary schools. Elective credits may be made up from this list.

Arithmetic (work above Grammar Grade) . 1 credit.
Astronomy ..... 1 credit.
Biology ..... 1 to 2 credits.
Bookkeeping (by double entry) ..... 1 credit.
Botany ..... 1 to 2 credits.
Chemistry ..... 1 to 2 credits.
Civics ..... 1 credit.
Drawing (work above Grammar Grade) ... 1 credit.
English ..... 6 to 8 credits.
French ..... 2 to 6 credits.
Geology ..... 1 credit.
Geometry, Solid ..... 1 credit.
German ..... 1 credit.
Grammar, English (work above Grammar Grade) ..... 1 to 2 credits.
Greek ..... 2 to 6 credits.
History (U. S. where it follows General History ..... 1 credit.
History, General ..... 3 credits.
Roman ..... 1 credit.
Greek ..... 1 credit.
English ..... 1 credit.
Latin, Grammar and Reader ..... 2 credits.
Cæsar ..... 2 credits.
Cicero ..... 2 credits.
Virgil ..... 2 credits.
Physics ..... 2 credits.
Political Economy ..... 1 credit.
Physiography ..... 1 credit.
Physiology ..... 1 credit.
Zoology ..... 1 to 2 credits.

ACCREDITED SCHOOLS.

The Committee on Secondary School Relations of the Iowa State Teachers' Association has decided upon the following rules for the accrediting of High Schools as making full preparation for the College entrance requirements of the Colleges composing said department:

The course of study must not be less than four years of thirty-six weeks each in length following an elementary course not less than eight years in length. This course should require of each pupil not more than four recitations daily and the entire time of at least three teachers should be given to instruction in High School branches.

The schools seeking considerable credit in Science must demonstrate their ability to do successful laboratory work, while those seeking credit in History and English must give evidence of a special library equipment for teaching these branches.

The quality of the instruction given, the general tone of the school and the character of the text books used must be approved by the Committee on Secondary School Relations after visitation by some authorized representative of the committee.

The following schools offer courses of study that meet these requirements. They are therefore accredited as making full preparation for one or more of the courses of the College. Their graduates, in those courses in which the particular school is accredited, upon the presentation of the proper certificates showing the completion of the work laid down, will be admitted to Freshman standing, without examination. Only such pupils are thus received.

Graduates of schools not on the accredited list must either enter the preparatory school or take examination for Freshman standing.

A mere certificate of graduation is not received as proof that the student has completed all the studies of the course. If this be presented, there must be shown in addition a detailed statement, signed by the Principal or other trustworthy officer, of the work actually done, including the texts studied, the time spent upon each subject, the grades received, and other proper information. A suitable blank for such a certificate will be furnished upon application.

Ackley.
Adel.
Albia.
Algona.
Ames.
Anamosa.
Atlantic.
Bedford.
Belmond.
Boone.
Brooklyn.
Burlington.
Capital Park, Des Moines.
Carroll.
Cedar Falls.
Cedar Rapids.
Centerville.
Charles City.
Cherokee.
Clarinda.
Clinton.
Columbus Junction.
Corning.
Corydon.
Council Bluffs.
Cresco.
Davenport.
Decorah.
Denison.
Des Moines, E.
Des Moines, W.
Des Moines, N.
Dexter.
Dubuque.
Eagle Grove.
Eldora.
Emmetsburg.
Estherville.
Fairfield.
Forest City.
Forest City.
Fort Dodge.
Fort Madison.
Geneseo, Ill.
Glenwood.
Greene.
Greenfield.
Grinnell.

Guthrie County.
Hamburg.
Hampton.
Harlan.
Humboldt.
Iowa City.
Iowa Falls.
Indianola.
Jefferson.
Keokuk.
Knoxville.
Lake City.
Lamoni.
LeMars.
Leon.
Manchester.
Manning.
Maquoketa.
Marengo.
Marion.
Marshalltown.
McGregor.
Missouri Valley.
Muscatine.
Moline, Ill.
Montezuma.
Mt. Pleasant.
Mt. Ayr.
Monticello.
New Hampton.
Nevada.
Nashua.
Newton.
Osage.
Onawa.
Orange City.
Odebolt.
Oelwein.
Ottumwa.
Oskaloosa.
Osceola.
Perry.
Postville.
Red Oak.
Reinbeck.
Rockford.
Rock Rapids.
Sanborn.
Sheldon.
Shenandoah.
Sibley.
Sigourney.
Sioux City.
Sioux Falls, S. D.
Spirit Lake.
Spencer.
St. Mary's, Iowa City.
Storm Lake.
Stuart.
Taylorville Tp., Taylorville, Ill.
Tipton.
Toledo.
Traer.
Villisca.
Vinton.
Wapello.

Waterloo, West.
Waterloo, East.
Waukon.
Washington.
Waverly.
Webster City.
West Union.
Williamsburg.
Wilton.

Private academies, seminaries, normal schools, or other secondary schools meeting the conditions mentioned above, or their equivalent, may be accepted on the same basis as high schools.

The following is the list accredited to date:

Calhoun County Normal School.
Cedar Valley Seminary, Osage.
Charles City College.
Decorah Institute.
Denison Normal School.
Dexter Normal College.
Epworth Seminary.
Hawarden Normal School.
Howe's Academy, Mt. Pleasant.
Iowa City Academy.
Jewell Lutheran College, Jewell.
Lincoln Academy, Lincoln, Neb.
Michigan Military Academy, Orchard Lake, Mich.
Mount St. Joseph Academy, Dubuque.
Sac City Institute.
St. Agatha's Institute, Iowa City.
St. Francis Academy, Council Bluffs.
Washington Academy.
Whittier College, Salem.
Wilton German-English College.
Woodbine Normal School.

The following schools are recognized by the Committee on Secondary School Relations, some as doing efficient work of the kind and quality required to entitle their pupils to enter the Freshman Class with the conditions allowed to be made up after entrance to college; others by the acceptance of their work without examination, as far as it will go, though their courses are not sufficient to admit their pupils to the Freshman Class. Some may have a place on the accredited list in succeeding years, but as the data for the full decision are insufficient and the opportunity for visiting has not yet presented itself, their applications are filed for one year, and their work is accepted without examination, as far as it goes.

Names of schools in fully accredited list offering short courses, which only give their students partial preparation for college, are repeated in this list. Credit in these courses is given on the same basis as for partially accredited schools. Each college has a printed book containing the exact outline of each course in each high school, with the amount of credit assigned by the General Committee, so that credit given in all these courses, including the State University, is uniform. Papers presented are checked up by the Registrars of the various colleges in accordance with this book of tabulated courses, and any deficiencies are charged up to the student. School officers should be careful and accurate in filling out the uniform blanks that are now furnished by the colleges, and which are good for any college in the College Department.

Adair.
Adel.
Albia.
Algona.
Allerton.
Alton.
Ames.
Anita.
Audubon.
Bloomfield.
Boone.
Brighton.
Britt.
Capital Park, Des Moines.
Carroll.

Cedar Rapids.
Centerville.
Chariton.
Charles City.
Charter Oak.
Clarion.
Clearfield.
Clear Lake.
Colfax.
Coon Rapids.
Columbus Junction.
Correctionville.
Corydon.
Council Bluffs.
Creston.
Davenport.
Decorah.
DeWitt.
Dexter Normal School.
Des Moines, N.
Dubuque.
Dysart.
Eldora.
Elkader.
Emmetsburg.
Estherville.
Eldon.
Fairfield.
Farmington.
Fayette.
Fonda.
Fontanelle.
Forest City.
Fort Dodge.
Fort Madison.
Garner.
Glenwood.
Glidden.
Geneseo, Ill.
Grand Junction.
Greene.
Greenfield.
Grinnell.
Grundy Center.
Guthrie Center.
Guthrie County.
Hamburg.
Hampton.
Hartley.
Holstein.
Hubbard.
Humboldt.
Ida Grove.
Independence.
Jefferson.
Keosauqua.
Kingsley.
Lake Mills.
Lake City.
Lime Springs.
Lyons.
Manchester.
Mapleton.
Marengo.
Marion.
Mason City.
Mechanicsville.
Milton.
Morning Sun.
Moulton.
Mt. Ayr.
Muscatine.
Nashua.
Neola.
New Sharon.
North English.
Northwood.
Oak Park, Des Moines.
Odebolt.

Oskaloosa.
Ottumwa.
Pella.
Reinbeck.
Perry.
Riceville.
Richland.
Rolfe.
Sac City.
Shelby.
Shell Rock.
Shenandoah.
Sibley.
Sioux City.
Sioux Rapids.
Springdale.
Springville.
Storm Lake.
State Center.
Sac City Institute.
St. Ansgar Seminary.
Tama City.
Taylorville Tp., Taylorville, Ill.
Tipton.
Traer.
Waterloo, East.
Waterloo, West.
Waukon.
West Liberty.
Wilton.
Winfield.
Wilton German Eng. College.

Pupils from any of the schools mentioned in the lists preceding, who are not graduates, may receive credit toward admission to Freshmen standing to the amount certified by the proper officer, but such credit is conditional upon the maintenance of a satisfactory grade of scholarship in the advanced work assigned. Should failure result, any portion of the credit allowed may be canceled, or review without credit be required.

Pupils from schools not upon these accredited lists may be admitted to the proper standing in the Academy under the conditions outlined in that department.

A complete list of all the rules governing the accrediting of High Schools, and the statement of "how a school may become accredited," may be found on pages 129 to 133 of the High School Manual, issued by the State Teachers' Association. Copies of this book may be had free of charge on application to State Superintendent R. C. Barrett, Des Moines.

COURSES OF STUDY.

It is the purpose of the institution in offering the courses outlined below to meet the demands of various classes of students: those who wish to pursue a college course as a means of training and culture; those who wish to teach or lay a thorough foundation for professional work or university work. The aim has been to provide courses that shall be sufficiently flexible to be adapted to the individual needs of the student. The system combines the features of the old course system and the group and major systems now quite generally used. The work of the Freshman and Sophomore years is for the most part prescribed, and in the Junior and Senior years it is mostly elective within certain limitations for each course. It has been deemed advisable to require one year of Psychology, Logic and Christian Evidences during the Junior year in all courses.

All Freshmen and Sophomores are required to take two hours per week of gymnasium work through the year. Two orations are required of Juniors and two of Seniors.

The unit of work is a term hour of fifty minutes, not including the time allowed for change of classes, requiring two hours of work in preparation. One hundred and eighty term hours, exclusive of gymnasium work, are required for graduation. The instructor under whom the major is being taken will be the student's class adviser and will direct his work.

Classical and Philosophical students are required to take one continuous year's work in some one science, preferably in the Sophomore or Junior year. Scientific students are required to take one continuous year's work in some subject outside of science or mathematics other

than that prescribed. Additional work shall be elected to make a total of fifteen hours a week, to be known as free electives, which may be in any subject for which the student is prepared.

CLASSICAL COURSE.

FRESHMAN. Latin 1, 3; Greek 3, 3; English 1, 3; Mathematics 1, 3; English Bible 1, 1; Elective, 2; Gymnasium, 2.

SOPHOMORE. Latin 3, 3; Greek 4, 3; History 1, 3; English Bible 2, 1; Elective, 5; Gymnasium, 2.

JUNIOR. Major, 3; Minor, 3; Philosophy 1, 3; English Bible 2, 1; Elective, 5.

SENIOR. Major, 3; Minor, 3; English Bible 1, 1; Elective, 8.

A continuous year's work in some one science must be elected, preferably in the Sophomore or Junior years, and one year of modern language is required for graduation.

Majors and minors may be selected from the following subjects: Latin, Greek, German, French, History, Economics, Sociology, Politics, Philosophy, English, and Greek Literature.

PHILOSOPHICAL COURSE.

I.

FRESHMAN. Mathematics 1, 3; Modern Language, 3; English 1, 3; History 1, 3; Economics, 2; English Bible 1, 1; Gymnasium, 2.

SOPHOMORE. Modern Language, 3; English Literature 1, 3; English Bible 2, 1; Elective, 8; Gymnasium, 2.

II.

FRESHMAN. Mathematics 1, 3; Modern Language, 3; English 1, 3; Ancient Language, 3; English Bible 1, 1; Elective, 2; Gymnasium, 2.

SOPHOMORE. History 1, 3; Modern Language, 3; Economics, 2; English Bible 2, 1; Elective, 6; Gymnasium, 2.

JUNIOR. Major, 3; Minor, 3; Philosophy 1, 3; English Bible 2, 1; Elective, 5.

SENIOR. Major, 3; Minor, 3; English Bible 1, 1; Elective, 8.

Note: Freshman and Sophomore work, as under I. or II., may be taken at the option of the student; in either case, Junior and Senior work to follow as indicated.

Two years of the modern language not offered for entrance are required.

A continuous year's work is required in some one science, preferably in the Sophomore or Junior year.

Majors and minors may be selected from the following subjects: English, English Literature, History, Politics, Sociology, Economics, Philosophy, Pedagogy, German, French, Latin and Greek.

SCIENTIFIC COURSE.

FRESHMAN. Mathematics 1, 3; Chemistry 1, 4; Biology 1, 4; German, 3; English Bible 1, 1; Gymnasium, 2.

SOPHOMORE. Physics 1, 4; Mathematics, Chemistry or Biology, 4; French, 3; English 1, 3; English Bible 2, 1; Gymnasium, 2.

JUNIOR. Major, 4; Minor, 4; Philosophy 1, 3; English Bible 2, 1; Elective, 3.

SENIOR. Major, 4; Minor, 4; English Bible 1, 1; Elective, 6.

One continuous year's work in some one subject outside of science is required, preferably in the Junior year.

Majors and minors may be selected from the following subjects: Biology, Chemistry, Geology, Physics, Mathematics, and Philosophy.

PRE-MEDICAL COURSE.

The required studies of the Pre-Medical Course, leading to the degree of Bachelor of Science, are the same as those of the General Scientific Course. The students in the Pre-Medical Course are required to turn their scientific work and their elections in the direction of those sciences which are preliminary to the study of medicine, such as Organic Chemistry, Urine Analysis, Sanitary Water Analysis, Toxicology, Milk Analysis, Physiology, Histology, Morphology of Plants and Animals, etc. The completion of this course will admit the student to the Sophomore year of the best medical colleges.

MAJORS AND MINORS.

A subject known as the student's major must be selected not later than the Junior year, and must be pursued not less than three hours a week, through two years. Extra work, such as assigned readings, seminary work and work in connection with department clubs may be required of students in connection with their majors.

Two subjects known as allied minors must be pursued in other allied departments, preferably one in the Junior and one in the Senior. A minor shall consist of at least one year of continuous work for three hours per week beyond the required work.

THESES.

At the option of the instructor under whom the student is taking his major, Seniors may be required to prepare a thesis, which must be a scholarly dissertation on a subject representing some phase of the student's major and must embody original research. It must exhibit creditable literary workmanship and a good command of expression. In most cases it should contain an historical introduction and be accompanied by a complete bibliography of the subject.

The thesis must be typewritten on paper of good quality, 8 by 10 inches in size, and bound according to a specified form, and when accepted by the instructor under whom the work is done it becomes the property of the College. It must be completed, bound, deposited in the library of the College not later than June 1st of the year in which the student expects to graduate.

DEGREES.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course; that of Bachelor of Philosophy on those who complete the Philosophical Course; that of Bachelor of Science on those who complete the Scientific Course.

The corresponding Master's degree may be conferred on graduates of Morningside College or other similar institutions of good standing under the following conditions: For resident work the candidate must spend at least one year in residence upon an approved course of advanced study, two-thirds of which he must be in one department. If he has not done major undergraduate work in the particular field in which he designs to take his degree, more time than one year will be necessary. Students who have had undergraduate training may, in some departments under favorable conditions, complete

the work for the Master's degree *in absentia.* For non-resident work the candidate's studies must extend over at least two years, and the final examinations must be taken at the College. In all cases a creditable thesis must be prepared, which is considered the most important part of the work for a degree. Such thesis must be a scholarly dissertation on some subject connected with the major study and embody original research which shall be an actual contribution to knowledge. It must be more extended and complete than that offered for the Bachelor's degree. A printed or typewritten copy of the thesis must be left with the librarian by June 1st of the year in which the degree is conferred.

DEPARTMENTS OF INSTRUCTION.

ENGLISH BIBLE.

It is desired that every student shall get, while in college, an intimate knowledge of the English Bible. To this end two courses have been arranged in each of which the Bible is used as a textbook. These courses will cover two years' work each, and are required of all college students during the four years of the College Course.

1. The Fundamental Doctrines of the Bible. A careful study of the great underlying principles of Christianity as shown in the Bible. Lectures and studies upon the doctrinal teachings of the various books of the Bible. Required of all Freshmen and Seniors. One hour a week.

2. Biblical Literature. A study of the English Bible as literature. Disputed points of criticism are not discussed, but the literary form and contents of the books are examined. Historical points are emphasized so far as they seem important to the interpretation. The form and spirit of Hebrew poetry are studied. Lectures are given on the history of the various versions of the English Bible. Required of all Sophomores and Juniors. One hour a week.

PHILOSOPHY.

1. a. Psychology. A course in descriptive Psychology, being a study of the processes and development of the mental life. Fall term, three hours a week.

b. Logic. By recitation and original exercises, this course familiarizes the student with the canons and forms of the syllogism, the methods of reduction, and the detection of fallacies, etc. Winter term, three hours a week.

c. Evidences of Christianity. A course compassing the specific evidences of Christianity with the aim of grounding the student in the proofs of the truth of Christianity from a biblical standpoint. Spring term,

three hours a week. Course 1 is required in the Junior year in all courses.

2. a. History of Ancient and Mediaeval Philosophy. Fall term, three hours a week.

b. History of Modern Philosophy. Winter term, three hours a week.

c. Philosophy of Theism. Based on Bowne's Philosophy of Theism, which will be used with frequent reference to other authorities. Spring term, three hours a week.

3. a. Ethics. This course will include an outline of systematic Ethics, with examination of the fundamental principles of the moral life. It will include the discussion of practical ethical questions. Fall term, three hours a week.

b. Christian Ethics. This course supplements the course in General Ethics. The problems of Ethics are examined in the light of the teachings of Jesus. Winter term, three hours a week.

EDUCATION.

1. The Science of Education. A text will be used as the basis of study in this subject, but much of the subject matter will be given in the form of lectures. Reference work will also be required.

Fall term, three hours a week. Open to Sophomores and Juniors.

2. History of Education. This course begins with a study of the Systems of Education in vogue among the earliest Asiatic Nations. The systems of the European Nations are also carefully studied; attention is given to the leading educators of the different countries.

Winter term, three hours a week. Open to Sophomores and Juniors.

3. Psychology as Applied to Teaching. In connection with this subject will be studied the principles underlying school management and methods of teaching. The work will be given partly by lectures.

Spring term, three hours a week. Open to Sophomores and Juniors.

These courses are offered for the special advantage of those College students who may intend to enter the profession of teaching. Students desiring to take any one of the courses should take the work of the whole year.

LATIN.

1. Cicero. *De Amicitia et Senectute.* Translating at sight and hearing. Livy. Selections from *Books XXI. and XXII.* The writing of Latin. Sight reading. Horace. *Odes* and *Epodes.* Meters and verse form. Three hours a week throughout the year.

2. Epistolary Latin. Cicero. Those letters will be read which throw special light upon Cicero's private character and public life. Pliny. Selected letters. Three hours a week throughout the year. *(Omitted in 1904-5.)* Given on alternate years with Course 3.

3. Terence and Plautus. *Phormio, Menaechmi, Captivi.* Meters. Peculiarities of ante-classical Latin. Supplementary reading on the development of the drama. Tacitus. *Agricola* and *Germania.* Comparison of the Latin of the Silver Age with that of the Augustan Age. Horace. *Satires* and *Epistles.* Three hours a week throughout the year.

4. Juvenal. *Satires.* Readings from Horace and Persius. Tacitus. Selections from the *Annals* and *Histories.* Readings from the other Latin historians with a study of the differences in style. Martial. *Epigrams.* Three hours a week throughout the year.

5. Latin Pedagogy. This course is intended for prospective teachers of Latin, and is open to all who have taken Course 1. A study will be made of the aims and methods of classical instruction, problems of syntax, and the Latin literature commonly read in secondary schools. During the first half of the fall term, special attention will be given to the study of the cases; and during the latter half of the term, to the study of the modes in subordinate clauses. The work will be based upon the seven books of Cæsar's Gallic War. During the winter term Cicero's orations will form the basis for work. Special study will be made of their historical setting. In connection with the Catilinarian orations, Sallust's Catiline will be read. The spring term will be spent upon the study of the Aeneid complete, with special attention to the literary side.

Those electing this course should pursue it throughout the year. Two hours a week.

6. Topography of Rome. Lectures and reading. One hour a week throughout the year.

GREEK.

1. Elementary Greek. Grammar. Xenophon's *Anabasis.* Book I. Prose Composition. Five hours a week throughout the year.

2. Xenophon. *Anabasis.* Books II.-IV. Prose Composition. Homer. Selections from the *Iliad.* Four hours

a week throughout the year.

(Courses 1 and 2 are intended primarily for those who have entered without Greek and who wish to complete the Classical Course. They are identical with the courses offered in the Academy.)

3. HOMER. Selections from the *Odyssey*. Illustrated lectures on the monuments of Athens. LYSIAS. Select *Orations*. Study of Athenian political institutions. PLATO. *Apology* and *Crito*. Study of Greek Philosophy. Three hours a week throughout the year.

4. EURIPIDES. *Alcestis* or *Iphigenia among the Taurians*. Lectures on the Greek drama.

ARISTOPHANES. *Frogs* or *Clouds*. Lectures on the private life of the Greeks. DEMOSTHENES. *On the Crown* or *Philippics*. Study of the history of Greek oratory. Three hours a week throughout the year.

5. AESCHYLUS. *Prometheus*. SOPHOCLES. *Oedipus Tyrannus*. EURIPIDES. *Medea*. LYRIC POETS. *Selections*. Three hours a week throughout the year.

6. THUCYDIDES. *Sicilian Expedition*. HERODOTUS. *Selections* from the *Persian Wars*. PLATO. *Selected Dialogues*. Prose composition.

Three hours a week throughout the year. *(Omitted in 1904-5.)*

7. NEW TESTAMENT GREEK. Reading of parts of the *Gospels*, the *Acts*, and selections from the *Pauline Epistles*. Two hours a week throughout the year.

GERMAN.

1. ELEMENTARY COURSE. Grammar, pronunciation, drill work in inflected forms, exercises in composition, translation, memorizing. Thomas' Grammar, Part I.,

Wenckebach's *Glueck Auf;* Zschokke's *Zerbrochene Krug.* Five hours a week throughout the year.

2. SECOND YEAR. Thomas' Grammar, Part II. Storm's *Immensee;* Seidel's *Weinachten bei Lebrecht Huhnchen;* Schiller's *Wilhelm Tell;* Lessing's *Minna von Barnhelm.* Rudiments of word formation. Sight reading. Four hours a week throughout the year.

3. GERMAN PROSE AND POETRY. Schiller's *Die Jungfran von Orleans;* Goethe's *Hermann und Dorothea; Iphigenie auf Tauris;* Heine's *Harzreise;* Scheffel's *Trompeter von Saeckingen.* Free reproduction. Three hours a week throughout the year.

4. GOETHE and HIS TIME. Lessing's *Nathan der Weise.* Goethe's *Goetz von Berlichingen, Dichtung und Wahrheit, Italianische Reise, Faust.* Informal talks on the history of German literature with especial reference to the *Sturm and Drang* period. Papers and collateral reading. Three hours a week throughout the year.

5. MODERN NATIONAL LIFE AND HISTORY. The aim of this course will be to acquaint the students with the spirit and genius of the people and their language. Assigned readings in German history, supplemented by illustrative romance and drama. Manners and customs will be studied through German books of travel. Translation of some English work into the German vernacular. Recitations conducted in German. Three hours a week throughout the year. *(Omitted in 1904-5.)*

6. NINETEENTH CENTURY AUTHORS. A study of the German drama. Lessing's *Hamburgische Dramaturgie.* Rapid reading of standard fiction and the modern drama. Grillparzer, Kleist, Keller, Ludwig, Ernest, Sudermann, Hauptmann, Fulda. At the option of the class, the *Niebelungenlied* may be translated into New High Ger-

man during the latter part of the course. Three hours a week throughout the year.

FRENCH.

1. Elementary Course. Grammar. Chardenal's Complete French Course. Special attention is paid to pronunciation, and no textbook will be used until every student has overcome the difficulty of uttering French sounds. A reader will be selected in the spring term. Five hours a week throughout the year.

2. Second Year. Grammar. Selections from Balzac, Alexandre Dumas pere et fils, Edmond Rostand, About, Corneille, Moliere, Racine, will be read in the winter and spring terms. Four hours a week throughout the year.

3. Grammar. Composition. Conversation. Students will be advised to subscribe to a weekly French paper, selections from which will be read in class. A summary analysis will be made of Victor Hugo's works, and students will commit to memory excerpts from either Hermani or Ruy Blas. Three hours a week throughout the year.

4. Scientific French. In order to comply with the wishes of students a Scientific French Course may be offered which will be open also to third year French students whose literary French attainments will be deemed sufficient by the instructor to enable them to follow successfully this course. The particular branches of science in pursuance by the different members of the class will determine the selection of textbooks. Three hours a week throughout the year.

SPANISH.

ELEMENTARY COURSE. GRAMMAR. Special stress will be laid on the necessity of mastering not only the regular conjugations, but also the irregular verbs. Textbook, Gen. A. Y. Barra's *Practical Method.* During the spring term Alarcon's *El Capitan Veneno* will be used as a reader. Three hours a week throughout the year.

ENGLISH LANGUAGE.

1. FRESHMAN ENGLISH. Outlines of Rhetoric. Exercises. Frequent themes. A study of Synonyms. Required of Classical and Philosophical Freshmen and Scientific Sophomores. Three hours a week throughout the year.

2. PROSE MASTERPIECES. A study of the diction, style and special characteristics of English prose writers. Seminary method with written exercises. Open to all who have had Course 1. Three hours a week throughout the year.

3. POETIC MASTERPIECES. The mechanics of English versification. A study of the diction and special characteristics of great writers of verse. Seminary method with written exercises. Open to all who have had Course 1. Three hours a week throughout the year.

4. FORENSICS AND ORAL DEBATE. A preliminary course of six lectures on forensic structure and style, followed by practice in oral debate. Each member of the class debates once a week on questions previously assigned. Attention will be given to argumentative writing, analysis of specimens of argumentation, and the drawing of briefs. Two hours a week, winter and spring terms.

5. SENIOR AND JUNIOR ORATIONS. Two orations, or their equivalent, are required of Juniors and Seniors.

ENGLISH LITERATURE.

1. HISTORY OF LITERATURE. From the beginning to

the present time. A study of the great periods of literary activity, their beginning, development, and decline, with illustrations from Craike's Prose Selections and Ward's English Poets. Informal talks will be given. Wide outside reading and papers required. Three hours a week throughout the year.

2. a. The Elizabethan Age. A comprehensive study of the age, from the Revival of Learning to Milton. Frequent reports and themes. Fall term, three hours a week.

b. The Eighteenth Century. A general study of the century, with readings from representative authors. Reports and papers required. Winter term, three hours a week.

c. Nineteenth Century Poetry. The principal poets of the century excepting Tennyson and Browning. Outside readings, discussion and papers. Spring term, three hours a week.

Course 1 is required as preliminary to Course 2.

3. Shakespeare. A brief review of the origin and development of the drama with its place in Elizabethan literature. A critical study of some of Shakespeare's principal works. The dramas selected will vary according to the class. Three hours a week throughout the year.

4. The English Novel. A history of its rise and growth, with illustrations from principal works. Readings, reports and essays required. Two hours a week throughout the year. *(Omitted in 1904-5.)*

ELOCUTION AND ORATORY.

A course in Elocution and Oratory is offered, which is

elective in all courses. Two hours a week throughout the year.

HISTORY AND POLITICS.

HISTORY.

1. European History. The work will begin with a review of the period from the German migrations to the establishment of Charlemagne's empire. The course proper aims to cover the period from 800 A. D. to 1789. Required of Freshmen in the Philosophical Course and of Sophomores in the Classical Course. Open to Scientific students of the College. Three hours a week throughout the year.

2. Modern European History. A continuation of Course 1. The subjects of study are the French Revolution, the Napoleonic Era, and Nineteenth Century History. Open to Sophomores and Juniors. Two hours a week throughout the year.

3. History of England. A study of English history from earliest times to Edward VII. While religious, economic and social life will be noted, special attention will be given to political history and to the origin and growth of the English constitution. The present workings of the English government will be treated under Comparative Governments in connection with Course 5. Intended primarily for Sophomores and Juniors. Two hours a week throughout the year. *(Omitted in 1904-5.)*

4. American History. This course will begin with a review of American history from 1492 down, but the periods of Discovery, Exploration and Colonization must be passed over rapidly. The real aim is to cover the period from 1760 to the present time, chief emphasis be-

ing placed upon political history. For Juniors and Seniors only. Three hours a week throughout the year.

5. American History Seminar. A detailed study of some one important subject or phase of American political or constitutional history. Open to students majoring in History. Two hours a week throughout the year.

Course 1 is a prerequisite to the other courses in History. Courses 2 and 3 will be given in alternate years. Course 5 will be offered when desired by a sufficient number of qualified students.

POLITICS.

1. American Constitutional History. In the fall term of this course a close study will be made of the United States Constitution and Government. In the winter the origin and development of the Federal Constitution will be traced, while in the spring the later Constitutional History of the United States will be covered. Intended primarily for Freshmen and Sophomores, but open also to Juniors. Two hours a week throughout the year.

2. Historical and Comparative Politics. The first half of this course is given to a study of the origin and development of government from primitive times through Greece, Rome, and the Middle Age to modern times. During the second half-year a comparative study of the present governments of England, France, Germany, Switzerland, and the United States is made. Open to Sophomores, Juniors and Seniors. Two hours a week throughout the year. *(Omitted in 1904-5.)*

3. Political Philosophy and International Law.

In this course a survey of political theory or philosophy is made in the first half-year. During the second half-year the subject of International Law is taken up, special attention being given to the Monroe Doctrine and to cases to which the United States has been a party. Open to Juniors and Seniors only. Two hours a week throughout the year.

4. History of American Political Parties. A lecture course given in connection with the course in American History. Open to the same students. One hour a week throughout the year.

Course 1 should be taken before the other courses in Politics. Courses 2 and 3 will be given in alternate years.

The method of conducting the work in History and Politics will consist of lectures, topical reports, class discussions, collateral readings, textbooks, etc., varying with each course and subject as its character may require.

ECONOMICS AND SOCIOLOGY.

1. Outlines of Economics. The fall term will be devoted to a study of the general principles. The practical workings of economic principles in connection with money and banking and trusts will be considered during the winter and spring terms. Two hours a week throughout the year.

2. Economic History. The economic and industrial history of England will be studied during the fall term. The tariff history of the United States will be the subject of the winter term's work. In the spring term the economic aspects of modern socialism will be discussed. Two hours a week throughout the year. *(Omitted in 1904-5.)*

Note: Either 1 or 2 is required for Philosophical students in their Freshman or Sophomore years.

3. Practical Sociology. In the first part of the course a careful study will be made of present social conditions in Europe and the United States. The remainder of the year will be devoted to a consideration of the most important methods of social betterment. Social conditions and efforts for social betterment in Sioux City will be investigated and studied. The work will consist of lectures, collateral reading and reports. Three hours a week throughout the year.

4. Economic History of the United States. A general survey of the economic history of the United States from the close of the eighteenth century to the present time. The aim will be to show the mode in which economic principles are illustrated by American experience and the extent to which economic conditions have influenced social and political development. The work will consist of lectures, collateral reading and reports. Three hours a week throughout the year.

5. Social Philosophy. A careful study of social theories and social teachings from the earliest times to the present day. Among the subjects considered will be the social aspects of Christianity, the social teachings of Thomas Carlyle, John Ruskin, Frederick Maurice, Charles Kingsley and Count Tolstoi, and present day proposals to remedy social unrest. Three hours a week throughout the year.

6. Economic Theory. The course will begin with a brief study of the history of the subject. Marshall's Principles of Economics and the works of other recent writers will be read and discussed. Three hours a week throughout the year. *(Omitted in 1904-5.)*

7. Selected Topics in Economics and Sociology. Special work will be arranged for graduate and advanced undergraduate students. Work may be done by non-resident students. Credit will be given according to the amount of work done.

Courses 1, 2, 5 and 6 will be given in alternate years; 1 and 5 will be given in 1904-5; 3 and 4 will be given each year; 1 and 2 are intended for those who take only a limited amount of work in the department. They are intended to give a general view of theoretical and historical economics; 1 and 2, or an equivalent, will be required for admission to 3, 4, 5 and 6; 3 and 4 are intended primarily for Sophomores and Juniors, 5 and 6 for Juniors and Seniors.

The methods of instruction used will vary with the nature of the work. Lectures, recitations and written work may be expected in all the courses. Increasing emphasis will be placed upon ability to use books and upon methods of independent investigation of limited topics and fields.

MATHEMATICS.

1. a. Solid Geometry. This will include the study of the history of geometry, supplementary to the regular demonstrations. Original work will be constantly pursued. Fall term, three hours a week.

b. College Algebra. A brief review will be made of radicals and quadratic equations, followed by a study of proportion, variation, progressions, indeterminate coefficients, binomial theorem, logarithms, choice, chance, vanishing fractions, determinants, theory of equations. Winter term, three hours a week.

c. Plane Trigonometry. Trigonometric functions are studied and formulæ developed and applied. Spring term, three hours a week.

2. a. Analytic Geometry. Beginning with a point, the right line, circle, ellipse, parabola and hyperbola are generated and equations for the same are studied and applied. As many special curves studied as time permits. Fall term, three hours a week.

b. Calculus, Differential. This covers a complete study of algebraic and transcendental functions, differentiation of algebraic, logarithmic, exponential, trigonometric and inverse trigonometric functions, expansion of functions, Maclaurin's theorem, Taylor's theorem, indeterminate forms, partial differentiation, maximum and minimum for one variable. Winter term, three hours a week.

c. Calculus, Integral. This covers elementary integrals, rational fractions, integration by rationalization, integration by substitution, integration by parts, integration by successive reduction, trigonometric integrals. Spring term, three hours a week.

Course 2 is open to all who have completed Course 1.

3. Junior Mathematics. Special curves, special cases in differential and integral calculus, solid analytics, theory of equations, introductory work in geometry of position. Three hours a week throughout the year. Open to all who have completed Course 2.

4. Geometry of Position. Followed by introductory work in the theory of analytic functions and differential equations. Three hours a week throughout the year. Open to all who have completed Course 3.

ASTRONOMY.

A course in Astronomy, based on Young's Manual of

Astronomy, will be offered in 1904-5. Three hours a week throughout the year. Open to Juniors and Seniors.

PHYSICS.

1. General Physics. Two lectures, one quiz, and five hours of laboratory work throughout the year. The lectures will cover the subjects of kinetics, heat, light, sound, magnetism and electricity. The laboratory work will be entirely quantitative and will include experiments in all of the above named subjects. All students taking this course must previously have taken Plane Trigonometry. Required of Sophomores in the Scientific Course. Four hours a week throughout the year.

2. Advanced Physics. Lectures, quizzes and laboratory work throughout one year. In this course the student will be given a deeper insight into the fundamental principles of the science than is given in Course 1. Exactness and precision are expected and required in all laboratory work. Open only to students who have completed Course 1 or its equivalent. Four hours a week throughout the year.

2. Chemical Physics. Lectures, quizzes and laboratory work throughout one year. This course consists essentially in the application of physical methods to chemical problems. The lectures will cover the subjects of specific heats, heats of formation, heats of combustion, heats of neutralization, the gas laws, the periodic law, fusion and solidification, vaporization and condensation, the phase rule, determination of molecular weights, electrolytes and electrolysis, electrolytic dissociation, etc. The laboratory work will include optical work with the spectroscope and polariscope, determination of heats of

neutralization, determination of molecular weights by the boiling point and by the freezing point methods, specific conductivity of electrolytes, etc. Open to students who have had Course 1, or its equivalent, and also Course 1 in Chemistry. Three hours a week throughout the year.

4. Thesis. A course of research in some branch of the subject. The student will be expected to do original research along some particular line and embody the results of the work in a well arranged thesis. For Seniors who are taking major work in Physics. Credit according to the amount of work done.

CHEMISTRY.

1. General Inorganic Chemistry. Three lectures and quizzes and five hours of laboratory work through the year. Much stress is laid upon the fundamental principles and general chemical theory, and some attention is given to the history of chemistry and physical chemistry. A large portion of the laboratory work is quantitative in character. Newth's Inorganic Chemistry is used as a basis for the lectures and recommended for the use of students. Hillyer's Laboratory Manual is used as a guide for the greater part of the laboratory work, which is accompanied by occasional quizzes. Four hours a week throughout the year.

2. Qualitative Analysis. Two lectures and quizzes and eight hours of laboratory work throughout the fall term. The work will include the separation and detection of the common metals and the more important acids. Fall term, four hours a week.

3. Quantitative Analysis. One lecture and ten hours of laboratory work. The practical work in the

laboratory comprises a study of a large number of type processes in both volumetric and gravimetric analysis. The latter part of the course will include a limited amount of work in the analysis of alloys and minerals. Winter and spring terms, four hours a week.

4. Advanced Quantitative Analysis. The work during the past two years has included analysis of minerals, complex alloys, clays, iron ores, soil, water, milk, urine, honey, sugars, glycerine, fats, oils, and other problems in commercial organic alaysis. Credit according to the amount of work done.

5. Organic Chemistry. Lectures, quizzes and laboratory work throughout the year. The course includes both the aromatic and fatty series, with the preparation of typical compounds in the laboratory. The lecture work is based on Remsen and Bernthsen. Gatterman is used as a guide in the laboratory work. Four hours a week throughout the year.

6. Sanitary Water Analysis. This course includes the ordinary determination of ammonia, nitrates, nitrites, etc., usually made in the analysis of potable wares.

7. Inorganic Preparations. This course includes the preparation of a number of typical inorganic compounds based on Thorpe and other authors.

8. Urine Analysis. A course in the chemical analysis of urine intended primarily for Pre-Medical students.

9. Organic Analysis. This course includes the determination of carbon, hydrogen and nitrogen with the combustion furnace; also the halogens, sulphur, etc.

10. Thesis. A course of research in organic, inorganic, or applied chemistry for Seniors preparing a graduating thesis. It is open to those who have had courses 1, 2, 3 and 5, or an equivalent, and have a knowledge of

German sufficient to read chemical journals. It is expected that the student will spend the time of one full study for one year on the work.

Note: In the above courses that are not accompanied by lectures, ten hours of laboratory work are considered equal to a full study of four hours a week. In all cases this is considered the minimum. Many students will be expected to put in more time than this. Courses that are unaccompanied by lectures may be more or less than a full study of four hours a week, and may be taken any term.

BIOLOGY.

1. General Biology. A general course designed to acquaint the student with the broader aspects of animal and plant life by means of lectures, conferences, field work and laboratory study of selected types. The first half year is devoted more particularly to animal life, while in the latter half plants receive special attention. Fundamental principles of Biology are developed as the work proceeds. Some of the important topics considered are the cell and its functions, structure and life history of selected forms, interrelationships of organisms, adaptation to environment, and the gradual advancement in organization. While the main object of the course is to provide a broad foundation for the further work of the department, it affords the student who may desire only a general knowledge of the subject an insight into the methods and principles of Biology.

Freshman year, four hours a week. A prerequisite to any other course in Biology.

2. Morphology of Thallophytes. Two lectures,

one conference, and five hours of laboratory work per week. A thorough study in the laboratory of a series of Algae and Fungi. Lectures on the morphology, classification and relation of the various groups. Discussions of lines of development. Fall term, four hours a week.

3. Morphology of Bryophytes and Pteridophytes. Continuation of Course 2. Special emphasis laid on alternation of generations and the development of heterospory. Winter term, four hours a week.

4. Morphology of Spermatophytes. Continuation of Course 3, taking up Gymnosperms and Angiosperms. Significance of the seed is elaborated. Spring term, four hours a week.

5. Plant Physiology. Lectures and laboratory work on the physical processes of the higher plants. Absorption, transpiration, photosynthesis, etc., considered. Fall term, four hours a week.

6. Plant Histology. Study of vegetable tissues. Methods of killing, fixing, inbedding, sectioning, staining, and mounting. The course is largely laboratory work, with occasional lectures or conferences. Winter term, four hours a week.

7. Plant Ecology. The consideration of plants in relation to environment. The study in field of vegetation forms, habitat groups and formations. Lectures on relation of organ to function, adaptations and meaning of plant forms. Laboratory work in histology and morphology of various habitat groups. Spring term, four hours a week.

8. Morphology of Protozoa, Porifera and Coelenterata. Two lectures, one conference and five hours of laboratory work a week. Study of types and the relation of groups to one another. Some classification and

study of habitat. Fall term, four hours a week. *(Omitted in 1904-5.)*

9. Morphology of Simpler Worms and the Echinoderms. Continuation of Course 1. Anatomy of types by dissection. Embryology so far as practicable in a general course. Winter term, four hours a week. *(Omitted in 1904-5.)*

10. Morphology of Annelida, Mollusca. Continuation of Course 2. Types and their homologies. Relation of Annelids to Vertebrates and Arthropods. Spring term, four hours a week. *(Omitted in 1904-5.)*

11. Arthoproda. Two lectures, one conference and five hours of laboratory work a week. Field work may take place of laboratory occasionally. Study of types. Relation of insects to each other and to their environments. Special attention to injurious insects. Fall term, four hours a week. *(Omitted in 1904-5.)*

12. Vertebrata. Continuation of Course 4. Study of types, dissections, tracing of gradual complexity of systems. Embryology so far as practicable in a general course. *(Omitted in 1904-5.)*

13. Advanced Animal Physiology. A study of the development of the organs and tissues of animals, and their functions, with special reference to the human body. *(Omitted in 1904-5.)*

14. Special Work in Biology. Additional courses may be offered to meet the special needs of major students. Problems in research may be assigned in the Senior year, the results of such work to be embodied in a thesis. Nature and time of work to be arranged with the instructor.

Course 1 is repeated each year. Courses 2, 3 and 4 alternate with Courses 8, 9 and 10. Similarly Courses

5, 6 and 7 alternate wtih Courses 11, 12 and 13.

GEOLOGY.

1. a. Dynamic Geology. Three lectures and five hours field work a week. Prerequisites: Elementary Physics and Inorganic Chemistry. The course may be pursued simultaneously with Inorganic Chemistry. Fall term, four hours a week.

b. Historical Geology. Three lectures and five hours laboratory work a week. It will be advantageous to have had or to be taking a course in Zoology. Winter term, four hours a week.

c. Mineralogy. Two lectures and seven hours laboratory work a week. Prerequisite: Inorganic Chemistry. Spring term, four hours a week.

PHYSICAL CULTURE AND ATHLETICS.

1. Physical Examination. Each student who takes gymnasium or athletic work is required to undergo a physical examination, which furnishes the data for his physical training. Physical deformities can thus be corrected and imperfect developments perfected.

2. Gymnastics. Regular classes are formed each term for drill on various gymnasium appliances. Two hours a week.

3. Athletics. Basket ball, baseball, football, track and field athletics, tennis, etc., are under the supervision of the department.

Freshmen and Sophomores are required to take the work in one of these courses. Two hours a week.

Work for Women. Corrective exercises, Swedish movement, light apparatus, running and gymnastic games. Two hours a week throughout the year.

PROGRAM OF LECTURES AND RECITATIONS

	8:30 A. M.	9:25 A. M.	10:40 A. M.	11:35 A. M.	1:30 P. M.	2:25 P.M.
Philosophy (Room 120)	*2, W. F	1. T. Th. S.	*2 Th.			
Education (Room 118)	*Pedagogy T. Th. S.		*Education 1, 2, 3, T. Th. S.			
Latin (Room 208)	3, T. Th. S.	2nd. yr. T. W. Th. F.	3rd yr. T. W. Th. S. 1st yr. T. W. Th. F.S.	4, T. Th. S. 3d. term, T.W.Th.F.S.	5, 6, M. W. F. 1st. yr. M.T. W. Th. F	
Greek (Room 206)	*4, T. Th. S., *5, M. W. F.	*7, W. F. 3, T. Th. S.	2, T. W. Th. F.	1, T. W. Th. F. S.		
German (Room 120)	1, T. W. Th. F.S.	5, T. Th. S. 6, M. W. F.	4, M. W. F. 3 T. Th. S.	2, T. W. Th; F.		
French and Spanish (Room 106)	2, T. Th. F. S.	4, T. Th. S.	3, T. Th. S.	1, T. W. Th. F. S.	Spanish M. W. F.	
English Language (Room 202)	1, T. Th. S.	2, M. W. F. 5, T. Th.	1, T. Th. S. Rhetoric M. W. F.		Rhetoric W. F. Grammar (Room 205) T. W. Th. F.	

Literature (Room 205)	Md. A. Eng. Cl. S.	Sr. Acd. T. Th. S. 1, M. W. F.		4, T. Th. S. 3, M. W. F.		Sr. Acd. Eng. Cl. W. F.
History and Politics (Room 102)	Pol. 4, S. Pol. 3, T. Th.	Hist. 2, T. Th. S. Pol. 1, W. F.	Hist. 4, M. W. F. Hist. 1, T. Th. S.		Sr. Acd. T. W. Th. F.	
Economics and Sociology (Room 101)		Soc. 3, M. W. F. Soc. 5, T. Th. S.		Ec. 1, W. F.	Ec. 4, M. W. F.	Civics and Pol. Economy M. W. F.
Mathematics and Astronomy (Room 109)	1, M. W. F. Astron. T. Th. S.	Algebra, T. W. Th. F. S. *4, T. Th. S.	Geometry T. W. Th. F.	Algebra T. W. Th. F. S.	2, M. W. F. 3, T. Th. S	3rd Algebra M. T. W. Th. F
Physics (Room 112)	1, M. W. F.		2, T. Th. S.	3, M. W. F.		Sr. Acd. W. F.
Chemistry (Room 112)	†6, 7, 8,	*1, T. W. Th. *5, F. S.	†9, 10.	2, 3, W. S		
Biology (Room 202)	1, T. Th. S.	2, 3, 4, T. Th. S.	5, 6. 7, M. W. F.	Physiology and Botany T. Th. S.		
Geology and Physiography (Room 118)		Geology T. Th. S.		Physiography T. Th. F. S.		

English Bible 1 will meet at 3:20, Thursdays; English Bible 2, at 3:20, Wednesdays; Acad. Bible at 3:20 Thursdays. room 202

† Composed entirely of laboratory work.

* Subject to change.

Classes not scheduled will be placed at hours convenient to students and to the instructor.

THE ACADEMY.

The aim of the Academy is to give under our own supervision a thorough preparation for the work of the collegiate Department, and to afford to those who may not be able further to pursue their studies a general training that shall fit them for their place in the social and the business world. It cannot be urged with too much emphasis on all young persons aspiring to high scholarship that the true foundation is a complete mastery of the English branches. No student can prosper in his higher studies, as he should, who has not mastered the structure of mathematics and science. In the courses of study on the following pages, it is expected that the average student will spend one and one-half hours in preparation for each class recitation.

ADMISSION.

Students seeking admission to the Academy proper should have successfully completed the common branches. Those who have not taken this work and those in need of review in these branches will find ample provision for their needs in the classes of the sub-preparatory year.

Students who desire to enter the Junior Class will be examined in Arithmetic and Grammar. Students seeking advanced standing in the preparatory course must be prepared to pass examinations in the branches for which they wish credit at the time of entering, or present satisfactory certificates from schools at which they have studied.

GRADUATION.

Upon completion of any one of the courses of instruction a diploma is given which admits the holder to the corresponding course in the College. Those who are deficient not more than twelve hours' work may graduate and be admitted to the College on presenting evidence of their intention to make up the conditions during the current school year. Orations are required from all candidates for graduation and must be ready for criticism not later than the last day of the winter term. The subjects of the orations must be presented for approval to the head of the English Department not later than the first week of the winter term.

STANDING OF GRADUATES.

Graduates from the Academy are entitled to Freshman rank. Graduates from the Normal Department will receive credit in College for all work of College grade, and four and one-half credits for third and fourth year work in Pedagogy. They will be required to bring up such other work as will meet the requirements for Freshman standing.

SUB-PREPARATORY WORK.

This course is arranged to meet the needs either of those who are not prepared to enter the Academy, or of those who desire to review the preliminary branches. Classes of different grades are formed in Grammar and Arithmetic each term. Classes are also formed in History, Geography, Orthography, Bookkeeping, Reading, Penmanship and Drawing.

CLASSICAL COURSE.

JUNIOR YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Rhetoric and Composition, 3.	Rhetoric and Composition, 3.	Rhetoric and Composition, 3.
English Classics, 2.	English Classics, 2.	English Classics, 2.
Bible, 1.	Bible, 1.	Bible, 1.

MIDDLE YEAR.

Latin, 4.	Latin 4.	Latin, 4.
Greek, 5.	Greek, 5.	Greek, 5.
Rhetoric and Composition, 2.	Civics, 3.	Political Economy, 3.
English Classics, 1.	Geometry, 4.	Higher Grammar, 4.
Geometry, 4.	Bible, 1.	Bible, 1.
Bible, 1.		

SENIOR YEAR.

Latin, 4.	Latin, 4.	Latin, 4.
Greek, 4.	Greek, 4.	Greek, 4.
History, 4.	History, 4.	History, 4.
Physics, 3.	Physics, 3.	Physics, 3.
English Literature, 3.	English Literature, 3.	English Literature, 3.
Gymnasium, 2.	Gymnasium, 2.	Gymnasium, 2.

PHILOSOPHICAL COURSE.

JUNIOR YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Rhetoric and Composition, 3.	Rhetoric and Composition, 3.	Rhetoric and Composition, 3.
English Classics, 2.	English Classics, 2.	English Classics, 2.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Bible, 1.	Bible, 1.	Bible, 1.

MIDDLE YEAR.

Latin, 4.	Latin, 4.	Latin, 4.
French or German, 5.	French or German, 5.	French or German, 5.
Rhetoric and Composition, 2.	Civics, 3.	Political Economy, 3.
English Classics, 1.	Geometry, 4.	Higher Grammar, 4.
Geometry, 4.	Bible, 1.	Bible, 1.
Bible, 1.		

SENIOR YEAR.

Latin, 4.	Latin, 4.	Latin, 4.
French or German, 4.	French or German, 4.	French or German, 4.
History, 4.	History, 4.	History, 4.
English Literature, 3.	English Literature, 3.	English Literature, 3.
Physics, 3.	Physics, 3.	Physics, 3.
Gymnasium, 2.	Gymnasium, 2.	Gymnasium, 2.

SCIENTIFIC COURSE.

JUNIOR YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Rhetoric and Composition, 3.	Rhetoric and Composition, 3.	Rhetoric and Composition, 3.
English Classics, 2.	English Classics, 2.	English Classics, 2.
Bible, 1.	Bible, 1.	Bible, 1.

MIDDLE YEAR.

Latin, 4.	Latin, 4.	Latin, 4.
German, 5.	German, 5.	German, 5.
Rhetoric and Composition, 2.	Civics, 3.	Political Economy, 3.
English Classics, 1.	Geometry, 4.	Higher Grammar, 4.
Geometry, 4.	Bible, 1.	
Bible, 1.		

SENIOR YEAR.

German, 4.	German, 4.	German, 4.
History, 4.	History, 4.	History, 4.
English Literature, 3.	English Literature, 3.	English Literature, 3.
Physics, 3.	Physics, 3.	Physics, 3.
Physiography, 4.	Physiology, 4	Botany 4
Gymnasium, 2.	Gymnasium, 2.	Gymnasium, 2.

DEPARTMENTS OF INSTRUCTION.

ENGLISH BIBLE.

There is a regular progressive course in English Bible, beginning with the Junior year and continuing throughout two years of the course. This is intended to prepare the students for the work in the College which follows in order. One hour a week throughout the year.

LATIN.

Latin Grammar and Caesar. In the work of the first year, great care is taken that the student may be accurate in pronunciation, thoroughly master the forms, become familiar with the principal uses of cases and modes, and acquire a vocabulary. Daily drill is given in translating English into Latin and Latin into English by carefully graded exercises. Books II. and III. of the Gallic War are read. Bennett's text in prose composition is used. Junior year, five hours a week.

Caesar and Cicero. Books I. and IV. of the Gallic War and six orations of Cicero are read. One exercise a week is required in prose composition. Middle year, four hours a week.

Virgil. Aeneid, Books I.-IV. Special study is made of mythology and scansion. Prose composition once a week. Senior year, four hours a week.

GREEK.

Elementary Greek. Gleason's Greek Primer. Xenophon's Anabasis, Book I. Prose Composition. Middle

year, five hours a week.

Xenophon and Homer. Anabasis, Books II.-IV. Prose Composition. Selections from the Iliad. Senior year, four hours a week.

GERMAN.

Elementary German. Drill upon pronunciation; attention given to the inflection of articles, nouns, adjectives, pronouns and verbs; drill upon the use of prepositions and model auxiliaries. Easy exercises designed to fix in mind the elementary rules of syntax and word order; reading of about 100 pages of easy prose and poetry. Middle year, five hours a week.

Second Year German. A study of syntax, with special reference to the use of the infinitive and subjunctive; study of word order and word formation; reading of about 300 pages of literature, comprising easy stories, plays, historical selections and journalistic writing; oral and written translations into German of easy variations upon the matter read; memorizing of poems. Senior year, four hours a week.

FRENCH.

The First Year French. Study of French Grammar. Textbook, Chardenal's Complete French Course. Special attention is paid to pronunciation, and no text will be used until every student has overcome the difficulty of uttering French sounds. A reader will be selected in the spring term. Middle year, five hours a week.

Second Year French. Textbook, Fasenacht's Second Year French Course. Selections from Balzac and con-

temporary writers will be studied in the spring term. Senior year, four hours a week.

ENGLISH.

RHETORIC AND COMPOSITION. Text, Scott and Denny's Composition Literature, with frequent compositions. Junior year, three hours a week throughout the year, and Middle year, two hours a week, fall term.

Note: In connection with this work there will be a study of the English Classics.

GRAMMAR. The principles of English Grammar studied and applied. This work presupposes the usual work of the grades thoroughly mastered and is not intended in any way as a mere review course.

ENGLISH CLASSICS. A general study of the subject matter and the lives of the authors of the following: Scott's "Lady of the Lake," Lowell's "Vision of Sir Launfal," Scott's "Ivanhoe," Irving's "Life of Goldsmith," Shakespeare's "Merchant of Venice," and a careful study of "Julius Cæsar." Junior year, two hours a week.

A careful study of the content, form, and style of Macauley's "Essays on Milton and Johnson," together with reading of selections from the "De Coverly Papers." Middle year, one hour a week, fall term.

ENGLISH LITERATURE. Pancoast's Introduction to English Literature. In connection with this a careful study will be made of Shakespeare's "Macbeth," Milton's Minor Poems, and Burke's "Speech on Conciliation." The class will also read Carlyle's "Essay on Burns," Eliot's "Silas Marner," Coleridge's "Ancient Mariner," and Tennyson's "Idylls of the King." Essays, reports

and memorizing required. Senior year, three hours a week.

HISTORY.

a. Eastern Nations. A short study of Oriental history will occupy about one-half of the fall term.

b. Grecian History. The history of Greece will be taken up when that of the Eastern Nations is finished. Special attention paid to Grecian civilization, government, culture and literature. This course will extend to about the middle of the winter term.

c. Roman History. From the earliest times to Augustus. Treated in much the same manner as Grecian history, except that Greece and Rome are contrasted and compared. This subject will continue till the close of the spring term, by which time the class will have reached the date 476 A. D. or past. Senior year, four hours a week.

CIVICS AND POLITICAL ECONOMY.

Civics. An elementary course in the civil government of the United States. Winter term, Middle year, three hours a week.

Political Economy. An elementary course dealing with the general principles of the subject. Laughlin's Elements of Political Economy will be used as a text-book. Spring term, Middle year, three hours a week.

MATHEMATICS.

The instruction in Mathematics in the Academy will

be given with the view of building for the student a solid foundation for work in the College. An entire year will be given to Elementary Algebra and two terms to Plane Geometry.

ALGEBRA. Special attention given to factoring, fractions, equations, imaginary quantities, theory of exponents, radicals, proportion and variation. Textbook, Wentworth. Junior year, five hours a week.

PLANE GEOMETRY. Care will be given to accurate terminology, statement and reasoning. Considerable time will be given to original propositions. Textbooks, Wentworth's Plane and Solid Geometry. Fall and winter terms of Middle year, four hours a week.

SCIENCE.

PHYSIOGRAPHY. Elementary course. Topics considered are the earth as a planet, the atmosphere, the sea, the land, including geographical and geological formations, climate and life. Fall term, Senior year, four hours a week.

PHYSIOLOGY. An elementary course in human physiology, anatomy, and hygiene. Recitaitons and laboratory work. Winter term, Senior year, four hours a week.

BOTANY. A general introductory course in Botany. Deals with elementary principles of morphology, classification, ecology, and physiology of plants. Recitations, field work, and laboratory study. Spring term, Senior year, four hours a week.

PHYSICS. Two recitations and three hours of labora-

tory work, with an occasional quiz, throughout the Senior year. Students who have had the text work may take the laboratory work alone. Senior year, three hours a week.

GYMNASIUM.

Two hours of gymnasium work a week throughout the Senior year are required of every student.

THE NORMAL DEPARTMENT.

This department embraces the following:

1. Courses in Academic instruction.
2. Courses in Pedagogical instruction.
3. A Bureau of Information for Teachers.
4. A Pedagogical Club.

Courses are offered in academic instruction that will fit the teacher to take a position in a graded school, high school or academy. The head of the department will have charge of the professional work of the department, and also have general direction of the student in all his work, while the heads of the departments in the academic courses will have supervision of the student in their respective departments.

A carefully selected course of instruction has been arranged for the professional work. This instruction will consist of textbook work, lectures, school visitation and criticism, etc. Effort will be made to ground the student thoroughly in the Science and Art of Education.

The Bureau of Information has been designed for the purpose of seeking information concerning vacancies in the different grades of schools, and of aiding students in this department to secure positions when they may be considered competent.

A Pedagogical Club will be organized, consisting of the advanced members of the department, together with members of other departments who may be interested in this line of study.

COURSES OF STUDY.

In the Normal Department the following courses are offered:

1. A four-year English Course and a four-year Latin Course.
2. A three-year English Course and a three-year Latin Course.
3. A two-year English Course.
4. A one-year Review Course.

A diploma will be granted on the completion of either of the four-year courses.

Students completing Courses 2, 3 or 4 will receive on application a statement of the work done, with their standings in the various subjects.

Special attention is called to the arrangement in the Review Course of all the subjects required for a Second Grade county certificate; in the two-year course of all the subjects required for a First Grade certificate; either of the four-year courses includes all the subjects required for a state certificate.

Students completing any year of the Normal Course and wishing to enter the Academy or College will receive full credit for the work done in the Normal Courses of the same grade. A year of professional work in Pedagogy is offered to College students. See under the head "Education" in the College courses. College students taking this year's work will receive full college credit for the work done.

QUALIFICATIONS FOR ADMISSION.

Students desiring to enter this department should be at least sixteen years old and to have such a knowledge

of the common school branches and such general qualifications as will enable them to do well the work of the department.

Graduates of accredited high schools will be admitted without examination, and will be given credit for the academic work done, subject only to such tests during the year as may be necessary to determine their scholastic qualifications for teaching the various subjects. Should these tests show a lack of that thorough knowledge of a subject that is necessary in order that one may teach it, the student will be required to take up such subject in one of the regular classes as opportunity may offer.

Students not graduates of high schools will be classified according to the work they have done. Students holding high school diplomas or county certificates are requested to present the same on applying for admission to the department.

If prepared to do advanced work, students will be permitted to take work in one subject one year in advance of the year in which they may be classified.

The tuition in this department is the same as in the Academy.

REVIEW COURSE AND FIRST YEAR NORMAL COURSE.

Students will be limited in this year's work to such number of subjects as they may be able to pursue thoroughly.

FALL TERM.	WINTER TERM.	SPRING TERM.
Grammar.	Grammar and	Grammar and
History.	Composition.	Composition.
Arithmetic.	Arithmetic.	Arithmetic.
Orthography.	History.	Bookkeeping.

Reading.	Penmanship.	Geography.
Pedagogy.	Reading.	Orthography.
Vocal Music.	Physiology.	Drawing.
Gymnasium.	Pedagogy.	Pedagogy.
	Gymnasium.	Gymnasium.

Additional classes will be organized as the demand may justify.

Pedagogy for this year will consist of a study of the subjects of School Management, Methods, and the simpler principles of education, together with tests and drills in the common branches.

ENGLISH NORMAL COURSE.

SECOND YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
English, 5.	English, 5.	English, 5.
Algebra, 5.	Algebra, 5.	Algebra, 5.
Physiography, 4.	Physiology, 4.	Botany, 4.
Elements of Psychology, 3.	Civics, 3.	Principles and Methods of Education, 3.

THIRD YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
English, 3.	Philosophy of American History, 3.	Higher Arithmetic or Bookkeeping, 3.
Geometry, 4.	Geometry, 4.	Higher Grammar, 4.
Physics, 3.	Physics, 3.	Physics, 3.
French or German, 5.	Child Study, 3.	
History of		

Education, 3.	French or German, 5.	French or German, 5.
		Political Economy, 3

FOURTH YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
English, 3.	English, 3.	English, 3.
Solid Geometry, 3.	Higher Algebra, 3.	Trigonometry, 3.
General History, 3.	General History, 3.	General History, 3.
French or German, 4.	French or German, 4.	French or German, 4.
Elective, 2.	Elective, 2.	Elective, 2.
Science of Education, 3.	Psychology as Applied to Teaching, 3.	Lectures and Themes, 3.

LATIN NORMAL COURSE.

SECOND YEAR

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 5.	Latin, 5.	Latin, 5.
Algebra, 5.	Algebra 5.	Algebra, 5.
English, 5.	English, 5.	English, 5.
Elements of Psychology, 3.	Civics, 3.	Principles and Methods of Education, 3.

THIRD YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 4.	Latin, 4.	Latin, 4.
Geometry, 4.	Geometry, 4.	Higher Grammar, 4.
English, 3.	Philosophy of American History, 3.	Arithmetic or Bookkeeping, 3.
Physics, 3.	Physics, 3.	Physics, 3.
History of Education, 3.	Child Study, 3.	Political Economy, 3.

FOURTH YEAR.

FALL TERM.	WINTER TERM.	SPRING TERM.
Latin, 4.	Latin, 4.	Latin, 4.
Solid Geometry, 3.	Higher Algebra, 3.	Trigonometry, 3.
General History, 3.	General History, 3.	General History, 3.
Physiography, 4.	Physiology, 4.	Botany, 4.
Science of Education, 3.	Psychology as Applied to Teaching, 3.	Lectures and Themes, 3.

BOOKKEEPING AND STENOGRAPHY.

Bookkeeping. Classes in bookkeeping will be formed each term. The first term will be devoted to the theory of bookkeeping. Goodyear's or a similar text will be used. In the second term Goodyear's Office Routine will be used. Students taking Bookkeeping will take Arithmetic, Grammar, Penmanship and Orthography with the sub-preparatory classes.

Stenography. The Graham System of Standard Phonography is used. The first term will be devoted to the mastery of the principles of shorthand; the second term to contraction and speed, and the third term to reporting. Students will be given the practice and drill necessary to prepare them for the work of an office stenographer.

The touch system of Typewriting is taught, enabling the operator to write faster and with greater ease than by the former method. The department is equipped with typewriters and all charts and material necessary for the work.

ART DEPARTMENT.

The studio of the Art Department occupies a well lighted room on the second floor of North Hall. It is equipped with easels, casts, still life studies, bric-a-brac, and costumed model poses for advanced students.

The object of this department is to fit students for the pursuance of any branch of the pictorial art. Particular attention is paid to the individual requirements of the students, thereby insuring the most rapid progress possible. Much attention is given to out-of-door work in season.

ELOCUTION AND ORATORY.

Elocution is not only a fine art, but it is of practical value to the lawyer, the minister—in short, to all who think and talk. The object of this department is the development of vocal, bodily and mental powers. Public recitals are given by the students in this department throughout the year.

ELOCUTION. The course includes systematic training in the principles of speech, articulation, breathing, voice culture, gesture and recitation work.

ORATORY. Analysis and delivery of selected compositions and the philosophy of voice and gesture.

PHYSICAL CULTURE. Course in Physical Culture includes gymnastics for health, strength and grace, drills, poses, attitudes and pantomimes.

CLERGYMEN'S COURSE. Exercises to strengthen the organs of speech, remove soreness of throat and huskiness, with practice in reading hymns and Bible selections.

TEACHERS' COURSE. To those wishing to become teachers of Elocution and Physical Culture, special training will be given in the Normal work.

CONSERVATORY OF MUSIC.

The importance of the study of Music and its influence in social and religious life is recognized as never before. The demand for teachers of broad general culture as well as professional skill is far in excess of the supply. The demand made upon musicians requires a much higher standard of attainment than ever before. To furnish the very best advantage for study with competent and experienced teachers, and to give the student the opportunity to live in a musical atmosphere, where all that may be gained by listening to and associating with consecrated men and women, is the object of the Conservatory of Music of Morningside College. The advantages of the department here are much enhanced by its associations with the other departments of the College, and the broad which is the danger of every technical education.

The class system, which has proved most successful in the conservatories of both Europe and America, has been adopted. By it the student becomes acquainted with a much larger range of musical literature than he could otherwise. The timidity and nervousness of playing before others is quickly overcome, and the student has the advantage of seeing how the teacher deals with pupils of different tastes and dispositions. The needs of the individual students are studied and technical exercises culture thereby given tends to overcome that narrowness and pieces given that will tend to most rapid development.

No pupil is allowed to take part in any public musical performance without the consent of his teacher and the director.

The calendar is the same as that of the other departments of the College.

PIANO FORTE.

GRADE 1. Rudiments of Music, touch, notation. Koehler op. 190. Loeschorn op. 84. Matthews' Graded Course for Piano. Gurlitt op. 101. Finger exercises from Mason's Technics.

GRADE 2. Koehler op. 157, Gurlitt op. 130. Koehler op. 50. Burgmueller op. 100. Concone studies for piano. Scale Studies, Book I., Smith.

GRADE 3. Czerny op. 748. Duvernoy op. 120. Czerny op. 636. Loeschorn op. 66. Book I., Bach's Twelve Little Preludes. Selected studies from Heller. Presser Edition.

GRADE 4. Loeschorn op. 66. Book II. Berens' New School of Velocity. Bach's Two Voiced Inventions. Koehler op. 128. Jensen op. 32. Schmitt op. 16.

GRADE 5. Czerny op. 299, approximating metronome tempo. Bach's Three Voiced Inventions. Selected Studies from Cramer. Von Buelow Edition. Studies in Rhythm.

GRADE 6. Selected Preludes and Fugues from Bach's Well-tempered Clavichord. Kullak's Octave Studies. Selected Studies from Gradus ad Parnassum by Clementi. Lebert Edition. Czerny op. 740.

GRADE 6. Moscheles' op. 70. Henselt op. 2. Selected Etudes from op. 10 and op. 25, Chopin.

With the studies of each grade are given sonatas and other pieces, both classical and romantic, suitable for the degree of technical skill required in each grade. Excellent advantages in ensemble playing are offered the students in duets, trios and quartettes for piano and stringed instruments, and for more advanced pupils, concertos with orchestral accompaniment.

HARMONY.

The old method of studying Harmony stifled the musical sense, was theoretical and dogmatic. That method has been entirely discarded in the best schools. The natural method is to apply the principles of pedagogy; i. e., from the known to the unknown, from the simple to the complex. Starting with the major chord as a basis, the student learns by listening to recognize the difference between the major and minor, and then is taught to write what he hears. The second step is to analyze and learn the intervals of the diatonic scale, always considering the scale as a unit. The study of rhythm is by means of easily recognized forms of composition, taking first the march and waltz rhythm, and from these to the more complex; the primary object being to cultivate the musical sense, to educate the tastes, and thus form a correct judgment by the study of music itself.

First Term. Notation. Intervals. Scales. Triads.

Second Term. Inversion of Triads. Chords of the Seventh. Inversions of the Chords of the Seventh.

Third Term. Chords of the Seventh and Ninth. Altered and Mixed Chords. Harmonizing melodies. Original exercises.

Fourth Term. Modulation, Diatonic, and Chromatic. Original exercises. Suspensions and Anticipations.

Fifth Term. Nonharmonic elements. Harmonizing melodies with passing and changing notes. Original exercises.

Sixth Term. Study of musical forms and analysis.

Text Books. Weitzman's Theory of Music. Goetschius' Material of Musical Composition. Busler-Cornell's Musical Form, and Counterpoint by Clarke.

Students are admitted at any time, credit being given for the work already accomplished. In addition to the regular courses in Instrumental and Vocal Music, two classes are formed in reading music at sight. The basis of the work is the "Normal Course" by Tufts and Holt, and fits students for teaching music in the public schools, and is the best foundation for a musical education.

There has also been organized a choral society for the study of the higher forms of choral and church music, to which all students passing a satisfactory examination are admitted.

The men's and the women's glee clubs offer excellent opportunity for the study of vocal music.

Excellent work is being done in the study of Oratorios and Sacred Cantatas.

The Beethoven Club, an organization of 250 members, gives each season a series of concerts, which music students have the privilege of attending.

VOICE CULTURE.

First Year. Breathing exercises, placing of tone. Leutgen (Kehlfertigkeit) twenty-four exercises. Sieber's Elementer Vocalisen op. 96.

Second Year. M. C. Marchesi's Studies. Concone's Fifty Exercises.

Third Year. Spicher's Selected Studies. Special exercises at the direction of the teacher. Normal work to prepare for teaching and public performance.

The student has the benefit and discipline of extended practice also, and ensemble singing in songs, duets, trios, quartettes and choruses during the entire course. Each student is required to take part in recitals and concerts

and assist in furnishing music for public programs.

VIOLIN.

GRADE 1. Position and drawing the bow according to the Belgian school. Hermann Violin School. Book I., Easy Duos for Violin and Piano, by Berthold Tours.

GRADE 2. Kayser op. 20. Scevik Exercises. Pleyel Duets op. 8. Easy Pieces.

GRADE 3. Mazas op. 36. Twelve Elementary Etudes, by Meerts. Scales in three octaves, all bowings. Fantasies for violin and piano and orchestra work.

GRADE 4. Etudes, J. Dout, Alard and Leonard, Kreutzer (forty-two studies). Seventh Concerto, De Beriot; Legende, Wieniawski and others. Sonatas for Piano and Violin, Mozart, Beethoven.

GRADE 5. Fiorillo. Rode. Art of Bowing, by Meerts. Concertos, by Viotti.

GRADE 6. Twenty-four Matinees, by Gavinies. Six Sonatas, Bach. Graded Studies, by Heim, Book VIII., containing studies in all positions. Concertos: Romantique, Godard; B Major, Saint Saens; D Minor, Wieniawski; F Sharp Minor, Vieuxtemps; E Minor, Mendelssohn. Zigeunerweisen, Sarasate. Russian Airs, Wieniawski. Fantasia Appassionata, Vieuxtemps and others.

For the benefit of music students, an orchestra has been organized, which furnishes music for chapel exercises and different entertainments in the school. Students sufficiently advanced are invited to join this organization. They also have the advantage of practice in trios and string quartettes, which is of the utmost value to every student of music.

NORMAL MUSIC COURSE.

1. Required Course in Vocal Music. It is the object of the work in vocal music to enable students (1) to understand thoroughly the elements of music; (2) to read music at sight, and (3) to appreciate and love the best in song. To this end all the courses of the school require three terms' work. There is not an attempt in this department to give a thorough training to the voice, but it is believed that a taste for vocal music will be formed, and that students will be able, through this instruction to teach it, both in theory and in practice, in elementary public schools.

First Term. (1) Development of the tone-sense by the study of the major scale as a whole and of the various tone relations. (2) Development of the sense of rhythm and presentation of the various forms of measure, using swinging pendulum or metronome. (3) Study of notes and rests, staffs, major scales, keys, signatures, rhythm and accent. (4) Drill in singing by syllables, do, re, mi, etc. Special emphasis on time and accent.

Second Term. Work in sight singing continued. Drill in more difficult problems of tune and time, including various chromatic and minor intervals.

Third Term. Advanced work in sight singing. Drill in singing the chromatic scale and the minor scales.

2. Special Teachers' Course. This course consists of three lessons a week for two terms. Students who have completed the regular course in vocal music, or who are able to test the subject, may be admitted. It is the object of the course to enable students to study and compare different methods of teaching the subject in public schools, and to give actual practice in conducting classes. In the second term, one lesson each week is devoted to the study of elementary harmony.

DEGREES CONFERRED.

COMMENCEMENT JUNE 18, 1903.

BACHELOR OF ARTS.

Gilbert, Albert Berton.....Hawarden
Gilbert, George Russel.....Meriden
Smylie, Lorne Francis.....Sioux City
Toothaker, Alva Ray.....Sheldon

BACHELOR OF PHILOSOPHY.

Hieby, Sophia May.....Sioux City
McIsaac, Robert John.....Portland, Ore.
Mossman, Frank E.....Sioux City
Nissen, Hans.....Barnum
Simpson, David Manfred.....Evanston, Ill.
Woodford, Pearl Alice.....Lake Mills

BACHELOR OF SCIENCE.

Barsalou, George F.....Sioux City
McDowell, Millard Fillmore.....Lincoln, Neb.
Ruthven, Alexander Grant.....Ann Arbor, Mich.

MASTER OF ARTS.

Davies, James Ashton.....Germania
Thesis—"Social Settlements."
Jastram, Alfred Henry.....Remsen
Thesis—"Forms of Colonial Government."

STUDENTS.

COLLEGE.

GRADUATE STUDENTS.

Barsalou, George Frank, Sc. B., 1903, *Chemistry* ..... Sioux City
Chandler, Sidney Levi, A. B., 1899; A. M., 1902, *Philosophy* ..... Sioux City
Gantt, Ethel Marian, Ph. B., 1902, *Latin and Greek* ..... Sioux City
Hieby, Sophia May, Ph. B., 1903, *German and English Literature*..... Sioux City
Mossman, Frank E., Ph. B., 1903, *Philosophy*. Sioux City
Platts, George Alfred, Ph. B., 1903, *Sociology*..... ..... Sergeant sB l u

** SENIOR CLASS.

Ackenback, John Kellogg, Sc., *Chemistry*..... Spencer
Aldrich, Ira Rolf, Cl., *English*..... Sioux City
Carson, Frederick Stanley, Ph., *History and Politics* ..... Sioux City
Darling, Grace, Ph., *Sociology*..... Sioux City
Finch, George Washington, Ph., *History and Politics* ..... Sheldon
Hadden, David E., Sc., *Astronomy*..... Alta
Killam, Mabel Alta, Ph., *English*..... Sioux City
Magee, Junius Ralph, Ph., *History and Politics*.... ..... Sioux City

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* The basis of classification is the number of credits at the close of the winter term of the current year.

** The subject given after each name is the student's major subject.

Maynard, Albert Howard, Cl., *Latin*.....Janesville
Miller, Narcissa P., Ph., *English*.....Sioux City
Sanders, William Edgar, Sc., *Bacteriology*.....Alta
Trimble, Lydia, Ph.....Sioux City

JUNIOR CLASS.

Blackwell, William Albert, *English Literature*.....
..... Sparland, Ill.
Bowker, Rena Nellie, Ph., *English*.....Odebolt
Brown, Carrie, Cl., *Latin, Greek*.....Sioux City
Cook, Myrtilla Mae, Sc., *Biology*.....Sioux City
Davidson, Florence Booth, Ph., *English Literature*..
..... Sioux City
Debenham, William Hamilton, Ph., *History and Politics* ..... Everly
DuBois, Frank Vincent, Cl., *History and Politics*..
..... Kingsley
Ellerbrock, Mabelle Evelyn, Ph., *German*....Sioux City
Brothers, Harvey N., Sc., *Chemistry*.....Sioux City
Gilbert, Mary Margaret, Ph., *English Literature*....
..... Larrabee
Goodall, Anna, Ph., *History and Politics*.....Mapleton
Hall, Davis Calvin, Ph., *History and Politics, Economics and Sociology*.....Swaledale
Hanna, Earl Wesley, Ph., *Economics and Sociology*
..... Luverne
Harding, Chas. Elmer, Ph., *Economics and Sociology*
..... Sioux City
Harding, Estella, Ph., *History and Politics*...Sioux City
Hawkins, Lon Adrian, Sc., *Biology*.....Sioux City
Hollingsworth, Anna Lou, Sc., *Chemistry*....Sioux City
Hulser, Edward Hawkins, Ph., *History and Politics*
..... Auburn
Killam, Clara Harriet, Sc., *Biology*.....Sioux City

Kling, Maude Emma, Ph., *English Literature*. Sioux City
Lockin, Coralinn, Ph., *English Literature*.....Aurelia
Marsh, Alice, Ph., *English Literature*.....Sioux City
Maynard, Carl Wesley, Cl., *Latin, German*....Sioux City
McCarthy, John Waldo, Sc., *Chemistry*.....Sioux City
McCay, Norman, Ph., *History and Politics*...Sioux City
Morgan, William John, Sc., *Chemistry*.....Sibley
Poppenheimer, George John, Ph., *English*....Sioux City
Root, Ralph Eugene, Sc., *Mathematics*.....Akron
Saylor, Herbert, Sc., *Chemistry*.....Pocahontas
Stulken, Simon Diederick, Ph., *History and Politics*
..... Sioux City
Young, D. Lawrence, Ph., *History and Politics*....
..... Center Junction

SOPHOMORE CLASS.

Bartlett, Edwin I., Sc., *Biology*.....Lutah, Wash.
Bartlett, Veva Maude, Ph., *English*.....Lutah, Wash.
Boddy, Estie Teressa, Ph.....Sioux City
Boddy, Pearl M., Ph., *English*.....Sioux City
Brower, Asa Lee, Sc., *Biology*.....Sioux City
Butler, Lora, Ph.....Correctionville
Calkins, Herbert Judson, Cl., *History*.....Fort Dodge
Carroll, Charles Eden, Cl., *English*.....Sioux City
Cole, Alice May, Ph., *English*.....Pierson
Crossan, Gertrude Emma, Sc., *Biology*.....Sioux City
Erskine, Eva Celestia, Cl., *Latin*.....Highmore, S. D.
Fair, Emma Janette, Ph., *History*.....Galva
Fair, Virginia Maude, Ph., *English*.....Galva
Flinn, Ruby Amelia, Ph., *History and English*. Sioux City
Fry, Earl James, Sc., *Chemistry*.....Walker
Gantt, Hazel, Ph.....Sioux City
Gilbert, Cyrus Lloyd, Cl., *English Literature*...Larrabee
Hartzell, Corwin Francis, Cl., *English*.....Algona

Hay, Maybel Ethyl, Ph.....Sioux City
Howard, Genevieve, Ph., *German*.....Sac City
Johnson, Elizabeth, Ph., *German*.....Sioux City
Kindig, James William, Ph., *History and Politics*..
..... Correctionville
Lockin, Jessie Emily, Ph., *English*.....Aurelia
Mason, Ray Orville, Sc., *Chemistry*....L....Clear Lake
McCarthy, Berthemia, Cl., *Latin*.....Sioux City
Millner, George Ethan, Sc., *Chemistry*.....Sioux City
Minkler, Roy Glen, Ph.....Rolfe
Nichols, Robert Columbus, Sc., *Chemistry*.....Lawton
Patterson, Ray, Ph.....Sioux City
Pierce, Grace, Ph., *History and Politics*.....Sioux City
Rissler, Chester, Sc., *Chemistry*.....Sioux City
Shoemaker, William Bert B., Sc., *Chemsitry*....Inwood
Tumbleson, George Arthur, Sc., *Chemistry*....Havelock
Tumbleson, Raymond, Ph.....Havelock
Wunn, John William, Ph., *History and Economics*..
.....Cogswell, N. D.
Woodford, Faith Foster, Ph..... Sergeant Bluffs

FRESHMAN CLASS.

Adams, Alex W., Sc.....Cozad, Neb.
Anderson, Leroy, Ph.....Wesley
Barkley, Dora Lavina, Ph.....Pierson
Barringer, Orie, Ph.....Ruthven
Bartlett, Mary Elizabeth, Ph.....Lutah, Wash.
Bass, John Charles, Ph.....Marcus
Batcheller, Martha Wallin, Ph.....Storm Lake
Bennett, Eralza Allen, Ph.....Sioux City
Bryan, Alvin, Ph.....Correctionville
Cain, Harry Kermode, Ph.....Lohrville
Cable, Margaret, Ph.....Hubbard
Chambers, John, Sc.....Corwith

Clark, Dan E., Sc.....Sioux City
Collins, Stanley Browning, Cl.....Marshalltown
Davenport, Grace Agnes, Ph.....Odebolt
DeLay, Leonie, Ph.....Alta
Everhart, Edgar McCoy, Ph.....Sioux City
Fair, Martha Maude, Ph.....Galva
Frear, Cora, Sc.....Sloan
Frear, Edna, Ph.....Sloan
Flint, William Henderson, Ph.....Early
Fredendoll, Perry E., Sc.....Ida Grove
Garver, Katherine Diana, Ph.....Grand Junction, Colo.
Grubb, Edward H., Sc.....Ogden
Hawcott, Clara Louise, Ph.....Burt
Heilman, Ralph Emerson, Ph.....Ida Grove
Hollingsworth, Albert Lull, Sc.....Sioux City
Howe, Louis R., Ph.....Cody, Wyo.
Hymer, George Crete, Sc.....Deadwood, S. D.
Johnson, Carl Warren, Ph.....Sioux City
Kilborne, Ida Elsie, Ph.....Sioux City
Lockin, Winnie, Sc.....Aurelia
Malada, Agnes, Ph.....Sloan
Manning, Clarence G., Ph.....Hubbard
Matthews, Marian Beatrice, Ph.....India
McCay, William Vance, Ph.....Sioux City
Mekkelson, Comart John, Cl.....Alta
Mellen, Clara Belle, Ph.....Akron
Mossman, Harland Lester, Ph.....Sioux City
Olson, Mathilda, Ph.....Correctionville
Oslin, Myrtle, Ph.....Sloan
Patterson, Bessie Eda, Ph.....Correctionville
Pierce, Homer P., Sc.....Rock Rapids
Richards, Charles, Ph.....Sioux City
Robbins, Douglas Ford, Sc.....Fonda
Rodine, Maud Alice, Ph.....Stratford

Rorem, Grace Eveline, Ph.....Radcliffe
Sparks, Louise, Sc.....Sioux City
Spratt, Blanche Maida, Ph.....Sioux City
Squires, Glen, Ph.....Rolfe
Stukenburg, Mayme R., Ph.....Radcliffe
Staples, Harry Nelson, Sc.....Peterson
Swem, Jessie Phoebe, Ph.....Cherokee
Toothaker, Charlotte, Ph.....Sheldon
Towner, Mabel Vesta, Cl.....Sioux City
Trimble, Ruby Lillian, Ph.....Essex, Ontario
Trimble, Frederic Homer, Ph....Red Deer, Alberta, Can.
VanMarter, Claude, Sc.....Sloan
Weary, Elsie May, Ph.....Sac City
Welch, Anna May, Ph.....Webster City
Whitaker, Jay, Cl.....Sioux City
Wishard, Henry Clare, Sc.....Spencer
Wilcox, Cora, Ph.....Emmetsburg
Young, Raymond G., Ph.....Swaledale

SPECIALS.

Bryan, Ada Adell.....Correctionville
Bussey, Lewis Mortimer.....Chicago, Ill.
Carson, Belle June.....Odebolt
Chrysler, Elva A.....Lake Park
Correll, Esther May.....Odebolt
Hart, Ada Gertrude.....Sioux City
Lockin, Jessie Emily.....Aurelia
McBride, Hugh.....Boston, Mass.
Manus, Katherine Joanna.....Emden, Ill.
Mason, Pearl Susan.....Kingsley
Pritchard, Orlie .....Hornick
Siman, Fae.....Sioux City
Smith, Elva M.....Correctionville

Thompson, Gertrude..... Rock Rapids
Wendell, Ella.....Sioux City
Whitney, Etta Marie.....Odebolt
Whitney, Ada Faith .....Odebolt
Wyatt, Gertrude N.....Rockport, Mo.

ACADEMY.

SENIOR CLASS.

Abbott, Charles Runyon, Ph.....Sioux City
Beach, Floyd Clifford, Sc.....Jolley
Boals, Porter M., Sc.....Dakota, City, Neb.
Boddy, Ralph John, Sc.....Sioux City
Briggle, Lester, Sc.....Ireton
Clark, Florence Martha, Ph.....Sioux City
Cook, Archie B., Sc.....Somers
Day, Steve Hockley, Sc.....Klemme
Faulk, Mina Lucile, Ph.....Sioux City
Foster, Nina Edith, Ph.....Bottineau, N. D.
Goodlander, George, Cl.....Sioux City
Goodlander, Nellie, Cl.....Sioux City
Harman, John Milton, Sc.....Anthon
Hartzell, Albert Arthur, Cl.....Algona
Irwin, William P., Ph.....Sioux City
Johnson Blanche Estella, Ph.....Sioux City
Kahley, Rosa, Ph.....Aqrshire
Mossman, Zoa, Ph.....Sioux City
Parkinson, Eva Jane, Ph.....Sioux Falls, S. D.
Pendell, Walden Hurst, Sc.....Bradgate
Sawyer, Henry Herbert, Ph.....Ravenwood, Mo.
Schar, Fred Lambert, Ph.....Storm Lake
Tracey, Edward Martin, Sc.....Larchwood
Wescott, Clair, Ph.....Galva

Winn, Paul DeRoy, Ph.....Paullina
Yule, Lloyd Eugene, Sc.....Sergeant Bluffs

MIDDLE YEAR.

Barrick, Roy Gilmore, Ph.....Sioux City
Beacham, Gem, Ph.....Farnhamville
Blood, Walter Eugene, Sc.....Sioux City
Boslaugh, Chan. C., Ph.....Sioux City
Brandow, James LeRoy, Ph.....Hobart
Carkuff, Charles Clarence, Sc.....New Virginia
Crummer, Clara, Ph.....Pomeroy
Currier, Grace Mae, Ph.....Salix
Cushman, Arthur Glenn, Sc.....Sioux City
Cushman, Laura, Ph.....Sioux City
Davies, Theodore D., Sc.....Martinsburg, Neb.
Day, Florence Millicent, Ph.....Remsen
Day, John Richard, Cl.....Remsen
Deno, Zilla Ethel, Ph.....Lester
Drugg, Louise Anna, Ph.....Stratford
Dugan, Glen, Sc.....Lester
Gruber, Arthur Melbourne, Ph.....Wellington, Kan.
Haafke, Emma, Ph.....Bronson
Hamren, Lloyd Herbert, Sc.....Sioux City
Hay, William Floyd, Sc.....Sioux City
Howarth, Ammon Lincoln, Ph.....Sioux City
Howlett, Fred William, Ph.....Kanawha
Johnson, Ethel Lenore, Ph.....Sioux City
Johnson, Walter Hart, Ph.....Williams
Lewis, Ida Belle, Ph.....Sioux City
Lucas, Lowell, Ph.....Visalia, Cal.
Lukens, William Diedrick, Ph.....Herman, Minn.
Lynde, Emagene, Ph.....Stratford

Mahood, Etta Helena, Ph.....Sioux City
Miller, Alvah Leslie, Sc.....Sioux City
Mossman, Fred Garfield, Ph.....Sioux City
Mould, Henry Edson, Sc.....Sioux City
Myres, Fred John, Ph.....Boyer
Peterson, Hans Peter, Cl.....Sioux City
Pruden, Glenn Eldridge, Ph.....Randolph, Neb.
Reeder, William Way, Sc.....Sioux City
Rodine, Lilly Mae, Ph.....Stratford
Seloover, Louisa Lucile, Ph.....Pomeroy
Shaw, William Harrison, Sc.....Pomeroy
Smock, Frank Walter, Sc.....Tacoma, Wash.
Waterman, John Gerhardt, Ph.....Ackley

JUNIOR YEAR.

Bender, Estella.....Hermosa, S. D.
Booker, Rena Elizabeth.....Sioux City
Bowers, Pearl.....Sioux City
Brower, Artemus Alven.....Sioux City
Bruce, George William.....Aurelia
Budlong, Edith .....Titonka
Carpenter, Frank Israel.....Alta
Carson, Paul Kerr.....Sioux City
Carter, George Milton.....
Chapman, Lindley Ray.....Runnels
Corwin, Frelon Elmer.....Rock Valley
Cushman, Charles Franklin.....Sioux City
Dugan, Myrt .....Lester
DeGriselles, Philip Eugene.....Sioux City
Eaton, Louis Hadley.....Sioux City
Fair, Andrew Arthur.....Pierson
Fair, Maude Harriett.....Pierson
Fair, William James.....Galva

Hamilton, Harry Stanley.....Stratford
Hansen, Arthur.....Sioux City
Hansen, Fannie.....Sioux City
Harrison, Harvey .....Washta
Hartzell, Hetty .....Algona
Havens, James Atwood.....Sioux City
Hinde, Alfred Henry.....Early
Hinde, William Rider.....Sioux City
Hobbs, Chester Robert.....Marcus
Howarth, Edith Pearl.....Newkirk, Okla.
Hull, Artlip Irvin.....Palmer
June, Edith Ann.....Merrill
Klippel, Frank .....Britt
Lukes, Doris .....Sioux City
Manley, Earl Lester.....Wall Lake
McCurdy, Maurice Eugene.....Dickens
Metcalf, Marion.....Sioux City
Murray, Charles Thomas.....Isabel, Kan.
Patterson, Lloyd.....Sioux City
Peters, George Holmes.....Marcus
Robbins, Frank Earl.....Alta
Sellers, Nannie Pauline.....Everly
Smylie, Robt. Eddie.....Sioux City
Sherbon, Solomon Fred.....Conrad
Stiles, Guy S.....Sioux City
Triggs, Sherman Winfield.....Ayrshire
VanBuskirk, Jesse Franklin.....Alta
Vermilyea, Lewis Nuton.....Sioux City
Willis, Blanche .....Lester

SUB-PREPARATORY.

Branton, Harry.....Sioux City
Bunn, Ernest .....Washta

Farlow, Floyd Loren.....Modale
Haafke, John Alexander.....Bronson
Hansen, Harry.....Sioux City
Held, Albert Herbert.....Hinton
Jones, Lewis Benj.....Sioux City
Jones, George Ellis.....Cherokee
Knefelkemp, Fred.....Decatur, Neb.
Langdell, Samuel Foster.....Sergeants Bluff
Moor, Arthur.....Sioux City
Morrill, Leonard Howard.....Cherokee
Petlon, Jay Vivian.....Aurelia
Remsey, William Clint.....Sutherland
Stewart, Albert Cheston.....Allen, Neb.
Stiles, William Vaughn.....Howardstown, Ken.
Whiting, Foster.....Balaton, Minn.
Whiting, Homer Reid.....Sioux City
Williams, Fred Brett.....Milford
Zimmerman, Arthur Garfield.....Washta

SPECIALS.

Bartlett, Jeannette.....Wall Lake
Beacham, Fannie .....Farnhamville
Beach, Ada Harriet.....Jolley
Bennett, Howard Garfield.....Sioux City
Boals, George.....South Sioux City, Neb.
Boddy, Eva May.....Sioux City
Brandow, Mary Katherine.....Hobart
Bryant, Roscoe Cleveland.....Sutherland
Cain, Emma .....Lohrville
Carson, Everet Lee.....Sioux City
Chase, Arthur Samuel.....Preston, Minn.
Conaway, Isabel .....Sutherland

Crabb, Albert Samuel.....Thornton
Dunn, Myrtle .....Armstrong
Eveleth, George Ed..win.....Salix
Everhart, Fannie.....Sioux City
Fields, Mabel Nona.....Lester
Fox, Myrtle Frances.....Burt
Garretson, Elna .....Sioux City
Gibson, Katherine.....Dixon, Neb.
Gibson, Mabel .....Danbury
Goodrich, Frances.....Sioux City
Hall, Harriet Julia.....Sioux City
Hargrave, Charles Oliver.....Dickens
Harrington, Floyd.....Sioux City
Held, Margaret Catherine.....Hinton
Herrick, Jeanette Schoaler.....Waterbury, Neb.
Hoffman, Grace .....Pierson
Lehman, Sarah E.....Sioux City
Jones, Effie .....Spencer
Little, Irene.....Sioux City
Lockin, Harry .....Aurelia
Meyer, Minnie Esther.....Hamlin, N. D.
Millard, Katherine .....Ireton
Newcomb, Margaretta Elizabeth.....Odebolt
Palm, Oscar .....
Palmer, Eda Katherine.....Sioux City
Parker, Gertrude Enid.....Aurelia
Platts, Hazel .....Postville
Robbins, Theodore.....Lyons, Neb.
Smith, Allie.....Waterbury, Neb.
Thompson, Mayme.....Allen, Neb.
Toenjes, Clara Carlotta.....Sioux City
Toenjes, Ella Adeheid.....Sioux City
Trenary, Litta Belle.....Pomeroy
True, Grace.....Sioux City

Waugh, Claire E.....Arthur
Wilters, Emma Wilhelmina.....LeMars

COMMERCIAL.

Adams, Ella.....Sioux City
Card, Marjory Maud.....Elk Point, S. D.
Botkin, William Cassius.....Little Rock
Burkhead, Gertrude .....Armstrong
Clemens, Ray .....Aurelia
Crippen, Hughie Edward.....Aurelia
Currie, John D.....Schaller
Fields, Ord .....Lester
Frandsen, Chris .....Hull
Harrison, Lionel Cecil.....Washta
Hasselback, Sarah Frances.....Sioux City
Hay, John W.....Sioux City
Johnson, Gilbert Isaac.....Onawa
Johnson, Joseph .....Onawa
Jones, Robert R.....Cherokee
Langenbacher, Fred Edward.....Volney
McLaughlin, Joseph Marion.....Schaller
McWhorter, Ethel .....Burt
Mills, Daisy .....Newell
Neville, Allan Leslie.....Aurelia
Olson, Alfred .....Sioux City
Peden, Clarence .....Mallard
Peden, Ralph Victor.....Mallard
Putman, Pete A.....Hull
Sauer, Henry George.....Hartley
Schaefer, Elmer Williams.....Schaller
Wagner, Ralph Leslie.....Hull
Welch, William Henry.....Winteringham, Eng.
Williams, Fred Brett.....Milford

NORMAL.

FOURTH YEAR.

Pierce, Grace.....Sioux City
Welch, May Anna.....Webster City
Wilcox, Cora Evelyn.....Emmetsburg

THIRD YEAR.

Barth, Wilhelmina.....Sioux City
Miller, Elsie Anna.....Leeds

SECOND YEAR.

Brenner, Varena .....Thompson
Cornelinsen, Christina .....Alta
Couch, Rachel C.....Bronson
Gooch, Pearl Ethel.....Ute
Graybill, Pearl .....Peiro
Hargrave, Martha Lillian.....Dickens
Hickman, Charlotte Mary.....Sioux City
Hummel, Eva Amelia.....Smithland
Jarnagin, Maud M.....Sioux City
Kelsey, Kate .....Smithland
Loomis, Blanche .....Swaledale
Lukins, Florence .....Leeds
Mitchell, Lottie Edith.....Dolliver
Moberly, Faye .....Lester
Murphy, Stella .....Sioux City
Noble, Jessie Inez.....Hinton
Steinhoff, Pauline .....Hornick
Steinhoff, Bertha .....Hornick
Wilson, Sybil Adessa.....Sioux City
Zimmerman, Laura .....Washta

FIRST YEAR.

Burns, Edith Mae.....Holly Springs
Davis, Luella.....Sioux City
Donelson, Emma .....Leeds
Haynes, Herbert Crandla.....Webb
Langin, Florence .....Danbury
Horsley, Elsie .....Leeds
Hummel, Malvina Dora.....Smithland
Foster, Pearl.....Sergeants Bluff
Johnson, Lulu .....Primghar
Kamm, Ella.....Whitewater, Wis.
Larkin, John Clifford.....Moville
Law, Martha .....Lawton
Peck, May .....Primghar
Nichols, Mabel .....Sloan
O'Farrell, Mary Margaret.....Salix
Roach, Nellie .....Correctionville
Roehlk, Lillian .....Holstein
Tabor, Lena .....Milford
Thompson, Pearl .....Aurelia
Torp, Carrie .....Woolstock
White, Zona T.....Sloan
Wright, Lizzie Fannie.....Knierim

MUSIC STUDENTS.

SENIORS.

Cain, Emma, *Voice*.....Lohrville
Gibson, Kathryn, *Piano*.....Dixon, Neb.
Lacy, Sarah J., *Voice*.....Sioux City
Manus, Katherine, *Piano*.....Emden, Ill.
Smylie, Mabel, *Piano*.....Sioux City
Wadhams, Almeda, *Piano*.....Sioux City

Wyatt, Gertrude, *Piano*.....Rockport, Mo.

Armstrong, Ethel .....Ponca, Neb.
Barringer, Orie .....Ruthven
Bartlett, Jeannette .....Odebolt
Beach, Ada .....Jolley
Beacham, Fannie .....Farnhamville
Bell, Maurice .....Maurice
Bender, Estella .....Hermosa, S. D.
Boddy, Eva.....Sioux City
Brandow, James .....Hobart
Brenner, Varina .....Thompson
Budlong Edith .....Titonka
Burns, Edith .....Holly Springs
Bryan, Ida .....Correctionville
Bryant, Oscar .....Sutherland
Cain, Emma .....Lohrville
Chandler, Delia Bell.....Odebolt
Chrysler, Elva .....Lake Park
Clark, Florence.....Sioux City
Collins, Louise.....Sioux City
Conaway, Isabel .....Sutherland
Cook, Myrtilla.....Sioux City
Conger, Gertrude .....
Correll, Esther .....Odebolt
Couch, Rachel.....Sioux City
Crabb, Albert .....Thornton
Cushman, Loren.....Sioux City
Davidson, Florence.....Sioux City
Davis, Luella.....Sioux City
DeLay, Leonie .....Alta
Donaldson, Emma .....Leeds
Dow, Carrie .....Armstrong
Dunn, Myrtle .....Armstrong

Ellis, Xenia ..... Thompson
Erskine, Gertrude ..... Sioux City
Everhart, Edgar McCoy ..... Sioux City
Fields, Mabel ..... Lester
Foster, Nina ..... Sioux City
Foster, Pearl ..... Sergeants Bluff
Fox, Myrtle ..... Burt
Frear, Lois ..... Sloan
Gibson, Kathryn ..... Dixon, Neb.
Gibson, Mabel ..... Danbury
Gooch, Pearl ..... Ute
Goodrich, Frances ..... Sioux City
Greybill, Pearl ..... Peiro
Harding, Walter ..... Sioux City
Hargrave, Charles ..... Dickens
Hart, Ada ..... Sioux City
Haskins, Loren ..... Sioux City
Held, Margaret ..... Hinton
Herrick, Jeannette ..... Waterbury, Neb.
Hoffman, Elsie ..... Pierson
Horsley, Elsie ..... Leeds
Howard, Genevieve ..... Sac City
Hummel, Melvina ..... Sutherland
Jarnigan, Madge ..... Sioux City
Johnson Blanche ..... Sioux City
Johnson, Lucie ..... Sioux City
Jones, Effie ..... Spencer
Kamm, Ella ..... Whitewater, Wis.
Lacy, Sarah ..... Sioux City
Lee, Lucie .....
Lindblade, Amanda .....
Liggett, Anna ..... Marcus
Lockin, Jessie ..... Aurelia
Manus, Katherine ..... Emden, Ill.

Mason, Pearl ..... Kingsley
Maynard, Orville ..... Sioux City
Mellen, Clara ..... Akron
Meyer, Minnie ..... Hamlin, N. D.
Millard, Katherine ..... Ireton
Miller, Ida ..... Sioux City
Mills, Daisy ..... Newell
Mitchell, Lottie ..... Dolliver
Moore, Eunice ..... Cylinder
Morrill, Lenard H. ..... Cherokee
Mossman, Nina ..... Sioux City
Murphy, Grace ..... Sioux City
Nelson, Florence ..... Luton
Neville, Allen ..... Aurelia
Newcom, Margaretta ..... Odebolt
Newland, Cora ..... Sioux City
Newland, Kate ..... Sioux City
Nichols, Mabel ..... Sloan
Olson, Matilda ..... Correctionville
Patterson, Bessie ..... Correctionville
Parker, Gertrude ..... Aurelia
Peck, Mae ..... Primghar
Petlon, Jay V. ..... Aurelia
Phillips, Ada ..... Ponca, Neb.
Pierce, Homer ..... Rock Rapids
Reck, Helen ..... Sioux City
Reed, Florence ..... Allen, Neb.
Roehlk, Lillian ..... Holstein
Romans, Bertha ..... Charter Oak
Romans, Edna ..... Charter Oak
Rorem, Grace ..... Radcliffe
Search, Lillian ..... Sioux City
Seaver, Ada ..... Humboldt
Shumaker, Lillian ..... Sioux City

Siman, Fae.....Sioux City
Siman, Hazel.....Sioux City
Siman, Olive.....Sioux City
Smith, Allie .....
Smith, Elva .....Correctionville
Smylie, Mabel.....Sioux City
Smylie, Lorne.....Sioux City
Spratt, Blanche.....Sioux City
Steinhoff, Bertha .....Hornick
Steinhoff, Pauline .....Hornick
Stewart, A. B.....Allen
Sweedling, Esther.....Sioux City
Tennis, Effie.....Sioux City
Thompson, Bertha .....
Thompson, Gertrude.....Rock Rapids
Thompson, Mayme.....Allen, Neb.
Toenjes, Carlotta.....Sioux City
Toenjes, Ella.....Sioux City
Torp, Carrie .....Woolstock
Toothaker, Charlotte .....Sheldon
True, Grace.....Sioux City
Trimble, F. H.....Sioux City
VanKerhoff, Harry.....Sioux Center
Wadhams, Almeda.....Sioux City
Walker, Mabel.....Beresford, S. D.
Wheeler, Nina.....Sioux City
White, Zona .....Sloan
Whitney, Ada .....Odebolt
Whitaker, Jay .....Sioux City
Williams, Mabel .....Meriden
Wilters, Emma .....LeMars
Woolhiser, Alice.....West Side
Wright, Lizzie .....Knierim
Wyatt, Gertrude.....Rock Port, Mo
Zimmerman, Laura .....Washta

SUMMER SESSION.

Ackenback, J.....Sioux City
Aldrich, Clara D.....Smithland
Amthor, Frances.....Sioux City
Anderson, Tilda.....Sioux City
Barth, Minnie.....Sioux City
Bates, Della .....Sergeants Bluff
Baxter, Ethel.....Holly Springs
Beard, Esther .....Moville
Black, Ora.....Sioux City
Blackwell, W. A.....Sioux City
Bodden, Georgia .....Smithland
Boddy, Pearl.....Sioux City
Boslough, C. C.....Sioux City
Bowen, Mina .....Smithland
Bowers, Ethel.....Sioux City
Bradley, Prudence .....Sergeants Bluff
Brassfield, Lillie.....Sioux City
Brassfield, May.....Sergeants Bluff
Brown, Carrie.....Sioux City
Burgess, Bessie .....Moville
Button, Floy .....Smithland
Cain, Harry .....Lohrville
Carson, Alice .....Sioux City
Carson, Everet.....Sioux City
Carson, Stanley.....Sioux City
Chapman, L. R.....Williams
Clark, Florence.....Sioux City
Clark, Ida M.....Lawton
Clark, May A.....Oto
Comboy, Katie .....Danbury
Cook, Myrtilla.....Sioux City

Coon, Verna .....Correctionville
Cox, Alma.....Sioux City
Cox, Beryl.....Sioux City
Croswell, Bessie .....
Crummer, Clara .....Pocahontas
Daniel, Edna.....Sergeants Bluff
Daniel, Lucy.....Sergeants Bluff
Darling, Grace.....Sioux City
Davidson, Florence.....Sioux City
Doebler, Florence.....Sioux City
Donelson, Emma .....Leeds
Donelson, Nellie .....Leeds
Ebberson, Lena.....Sergeants Bluff
Evans, Madge.....Sergeants Bluff
Fair, Maud .....Galva
Fletcher, A. G.....Chicago, Ill.
Foster, A. R.....Sergeants Bluff
Foster, Pearl.....Sergeants Bluff
Goodlander, George.....Sioux City
Goodlander, Nellie.....Sioux City
Green, J. W.....Sioux City
Griffith, Elsie .....Leeds
Grothans, Tjodie .....Remsen
Haafke, Emma .....Lawton
Haakinson, Luella.....Climbing Hill
Hall, L. Cornelia.....Anthon
Hanson, Emma.....Sioux City
Harder, Nellie.....Sergeants Bluff
Harding, Chas. .....Sioux City
Harrington, Mayme .....Salix
Hay, Wm. .....Sioux City
Hempy, Matye.....Sioux City
Herrington, Margaret .....Sioux City
Hess, Mary .....Sergeants Bluff

Holcomb, Luna J.....Sioux City
Hollingsworth, Anna Lou.....Sioux City
Hollingsworth, Bert .....Sioux City
Horn, Hazel.....Sioux City
Horn, Ethel.....Sioux City
Horsley, Ella .....Leeds
Hulser, Edward H.....Auburn
Jones, Bertha .....Everly
Jones, Ella .....Everly
Keane, Laura .....Sioux City
Kelly, Alice.....Sioux City
Kelly, Hattie.....Sioux City
Kinnan, Frona .....Mapleton
Kennedy, Nettie.....Sergeants Bluff
Kling, Maud.....Sioux City
Kramer, Nellie .....Remsen
LaPierre, Albina.....Jefferson, S. D.
Larson, Olga.....Sioux City
Larson, Dorothea .....Lawton
Law, Martha .....Lawton
Leonard, Gertrude.....Battle Creek
Lindeman, Emma .....Remsen
Lobbert, Cora.....Sioux City
Magee, Junius R.....Sioux City
Marquart, Ella .....Lawton
Marsh, Alice.....Sioux City
Mason, Rose .....Kingsley
Matteson, Grace .....Lawton
Mattson, Alla .....Sioux City
McCarthy, Bertha .....Sioux City
McCay, Norman .....Sioux City
McCullough, Joe M.....Salix
McQuillan, Celia.....Sioux City
Merkley, Alice.....Sioux City

Miller, Elsie ..... Leeds
Millner, George ..... Sioux City
Moore, Ora ..... Sioux City
Morrill, Leonard ..... Cherokee
Morris, Mercie M. ..... Sioux City
Mossman, Harold L. ..... Sioux City
Myers, Fred ..... Sioux City
Newton, Carrie ..... Correctionville
Newton, Katie ..... Correctionville
Olsen, Lena ..... Sergeants Bluff
Palmer, Florence ..... Sioux City
Palmer, Mary ..... Sioux City
Pope, Mamie ..... Leeds
Pope, Louise ..... Leeds
Prescott, Nina ..... Sergeants Bluff
Reilley, Maggie ..... Danbury
Russ, Golda ..... Sergeants Bluff
Ryan, Leora ..... Sioux City
Saylor, Herbert B. ..... Pocahontas
Shaw, William H. ..... Pocahontas
Shumaker, Lillian ..... Sioux City
Sia, Ruby ..... Foochow, China
Stolley, Emma ..... Moville
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Trimble, Fred ..... Sioux City
Watland, Elsie ..... Sioux City

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Whaley, Birdie ..... Sioux City
Whetstone, Bernie ..... Sioux City
Wilson, Sybil ..... Sioux City
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